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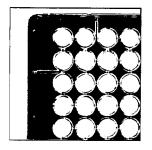
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(Dollars in thousands, except per share amounts)	2001	2000
Net sales	\$ 82,588	\$ 68,105
Operating cash flow	\$ (2,126)	\$ 1,244
EBITDA	\$ <del>66</del> 8	\$ 3,888
EBITDA excluding in-process research and development	\$ 4,258	\$ 3,888
Net (loss) income	\$ (1,376)	\$ <i>7</i> 30
Net income excluding in-process research and development	\$ 742	\$ <i>7</i> 30
Weighted average shares – diluted (000s)	<b>39,6</b>	38,814
Earnings (loss) per share	\$ (0.19)	\$ 0.02
Total assets	\$112,091	\$ 42,972
Cash and cash equivalents	\$ 48,787	\$ 2,460
Long-term debt	\$ 2,200	\$ 14,233
Shareholders' equity	\$ 77,571	\$ 3,001
Capital expenditures	\$ 2,434	\$ 2,003
Working capital	\$ 66,527	\$ 11, <i>7</i> 16











We are a leading worldwide company providing advanced integrated X-ray systems and complete solutions for molecular and elemental analysis by X-ray diffraction and X-ray fluorescence. Both techniques are nondestructive and provide essential information about the 3-dimensional structure of chemical and biological molecules as well as structural parameters and elemental composition information of any type of solid or liquid materials. Our products, which have particular application in the life science and materials science fields, provide our customers with the ability to determine the structure of specific molecules, such as proteins, and to characterize and determine the composition and physical properties of materials. Our integrated systems address multiple existing and emerging markets, including:

- o Drug discovery and development
- Structural proteomics
- · Advanced materials research
- Industrial process control

Our customers include biotechnology and pharmaceutical companies, semiconductor companies, raw material manufacturers, chemical companies, academic institutions and other businesses involved in materials analysis.

## TABLE OF CONTENTS

- 2 President's Message
- 4 Our Customers
- 6 Our Solutions
- Our Technology
- 12 Our People
- 16 Selected Financial Data
- Management's Discussion and Analysis of Financial Conditions and Results of Operations
- 31 Report of Independent Accountants
- 32 Financial Statements
- 36 Notes to Financial Statements
- 51 Board of Directors and Executive Officers
  Shareholder Matters

Corporate Information

#### To our shareholders

It gives me great pleasure to report that Bruker AXS has experienced another exciting year. We have successfully continued our strategy of focusing on the emerging markets for high-throughput discovery tools in structural proteomics and advanced materials research. These efforts have resulted in revenues of \$82.6 million, a 21.3% increase from our revenue in 2000. Our gross margin percentage has increased 1.7% and, excluding non-recurring, noncash charges related to our IPO and the Nonius acquisition, we remained profitable despite our significant investment in R&D, sales, support and operations.

During 2001 we raised \$85.5 million in net proceeds through private investors and our initial public offering in December. Other highlights include strong new order bookings growth and new strategic alliances with Affinium Pharmaceuticals (formerly Integrative Proteomics) and GeneFormatics, both structural proteomics companies.

Our continued substantial investment in research and development resulted in several new hardware and software platforms including the PROTEUM line of instruments for high-throughout 3D structure determination of biological compounds such as proteins. In addition, we have introduced the D4 and S4 family of products for quality control in industrial applications. Bruker AXS' strong commitment to innovative customer-oriented solutions was evidenced in 2001 by, among other things, two prestigious R&D 100 awards. The PROTEUM 300 detection system and the D8 DISCOVER for combinatorial screening of libraries in life science and advanced material research were recognized by R&D magazine as two of the 100 most technologically significant new products of the year. The recent efforts of our global research and development teams provided a full complement of new products for life science, advanced material research and industrial quality control applications.



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## **Our Market Opportunity**

Our automated solutions, based on X-ray technology, address the key needs of our customers in the discovery of new drugs, drug targets and new materials. The post-genomic era has turned into the proteomics era which focuses on acquiring complete and detailed knowledge about the functions of proteins as potential drug targets. The function of proteins is strongly related to their 3-dimensional (3D) structure. Knowledge of the 3D protein structure will enable pharmaceutical and biotech companies to design new specific drugs more efficiently than with the application of medicinal chemistry methods. The race for faster and more specific drug development has begun, and X-ray technology is currently the only method providing unambiguous 3D structures of proteins while complementing technologies such as nuclear magnetic resonance and in-silico studies. We have focused our efforts toward providing highly automated turn-key systems that allow our customers to screen protein crystals and to determine their 3D structure. In addition, our life science systems allow our customers to determine the structure of drugs or drug candidates in the development process and the quality assurance process.

Scientists in advanced materials research have very recently begun to apply combinatorial methods, originated from drug discovery, to accelerate development and design of new materials in a rational manner rather than by trial and error methods. The application of the combinatorial screening method results in a significant gain in development time as well as a more specific and targeted development approach.

The increased demand in quality assurance across many industries has required the development of tools that meet the growing quality and process standards. X-ray based instruments are among the premier choices when it comes to non-destructive and fast analysis of compounds.

One key component of our product development cycle is close collaboration and partnership with our customers and strategic partners in their specific markets.











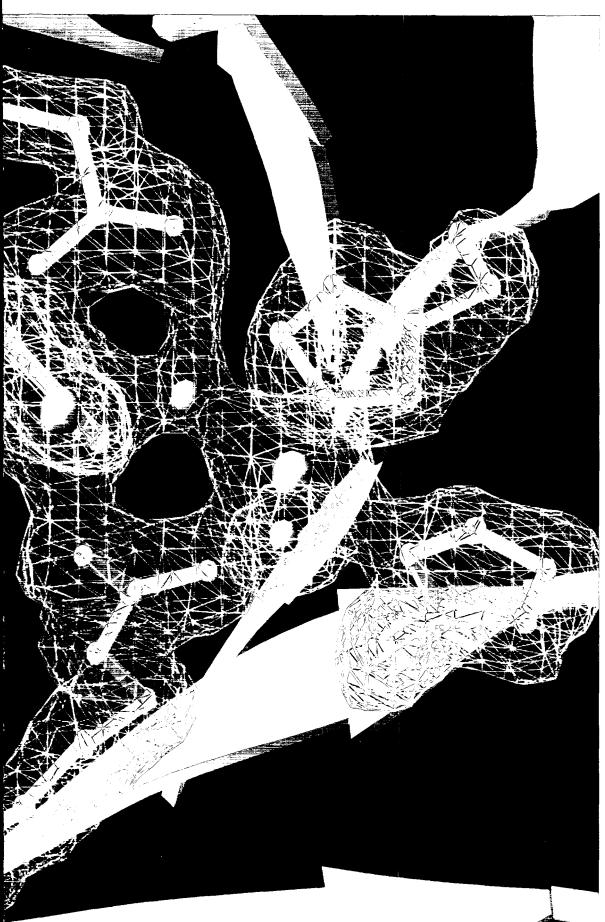
## Life Science / Pharma / Academic Research

Rapid Protein Crystal Screening Protein Structures Drug Structures Protein -Drug Complexes Small Molecule Structures Molecular Research Structural proteomics, as the fastest growing segment in the proteomics market, provides the largest growth opportunity for Bruker AXS. Protein separation, purification and crystallization technologies have evolved rapidly over the past years, and they can now be applied on an automated industrial scale. This evolution has shifted the bottleneck in the protein structure determination process towards high-throughput X-ray crystallography applied to protein crystal screening, final structure solution and bioinformatics.

We are partnering with our customers and entering into strategic alliances to develop solutions which meet their high-throughput requirements. As a result of these collaborations, we have developed integrated solutions for protein crystal screening and 3D structure determination. We have designed our solutions to be easily adopted to the customer-specific environments by providing standard hardware and software interfaces as well as the engineering resources to integrate and customize based on specified requirements.

In 2001, we introduced the new PROTEUM series of solutions for protein structure determination. The PROTEUM R, PROTEUM M and PROTEUM 300 incorporate our latest innovations in detectors, X-ray source, X-ray optics and crystal cooling and are integrated through our new PROTEUM software suite.

We have received very positive feedback from our customers on our new products and are in constant contact with them to further improve our solutions offerings.











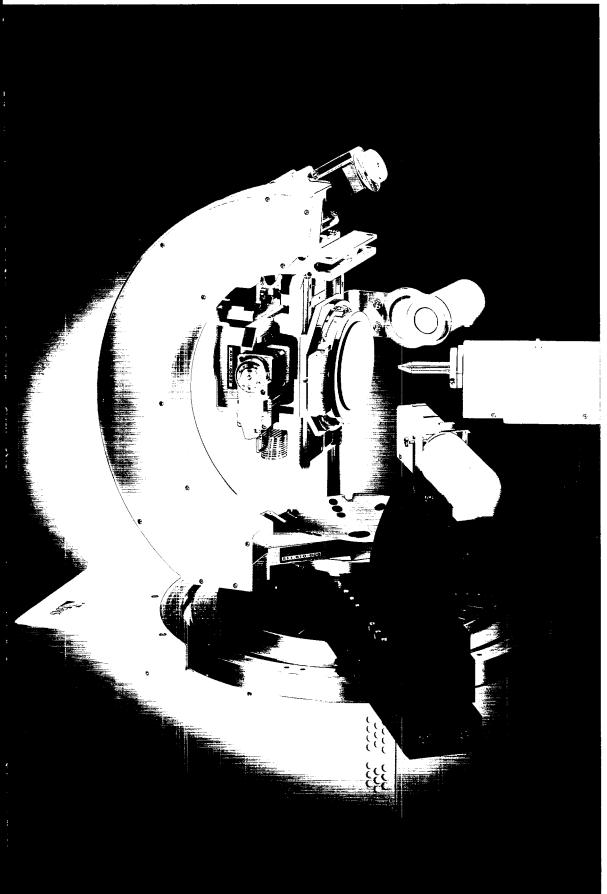
#### Advanced Materials Research

Electronic Materials
Thin Films
Superconductors
Chemicals, Catalysts
Organic Materials, Drugs
Polymers
Metals
Nanomaterials
Automotive
Minerals and Mining
Raw Materials
X-ray diffraction and X-ray fluorescence are
unique methods used to derive, in a non-destructive manner, information about the properties and composition of any kind of solid or liquid material.

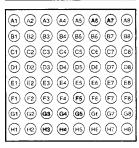
The demand for faster and more focused rational design of new materials with very specific properties has increased significantly in the last decade. We have adapted our X-ray technologies to allow our customers to more quickly acquire better knowledge about the structure of new materials and therefore use rational design approaches rather than conventional trial-anderror methods. The initial adoption of combinatorial techniques in materials research has created an excellent opportunity for Bruker AXS to deploy its technologies. In 2001, we introduced the D8 DISCOVER for combinatorial screening and this system is now widely used to investigate new materials libraries in high-throughput research.

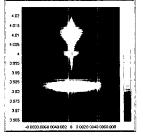
While our quality assurance applications are mainly used in academic research, we are also moving to providing more of these quality assurance solutions for use in chemical, pharmaceutical, raw materials and metals industries for incoming inspection and process control and optimization.

Our systems architecture, with modular hardware and software platforms, enables us to easily customize and provide automated and integrated solutions for applications in lab and process automation. Our recently introduced D4 ENDEAVOR X-ray diffractometer has been packaged with our S4 line of X-ray spectrometers to provide combined systems for raw materials quality and process control.











## Turning Technology Into Integrated Solutions

We provide our customers with integrated solutions based on our cutting-edge core technologies in:
X-ray Detection
X-ray Sources and Optics
Automated Sample Handling
Software and System Integration

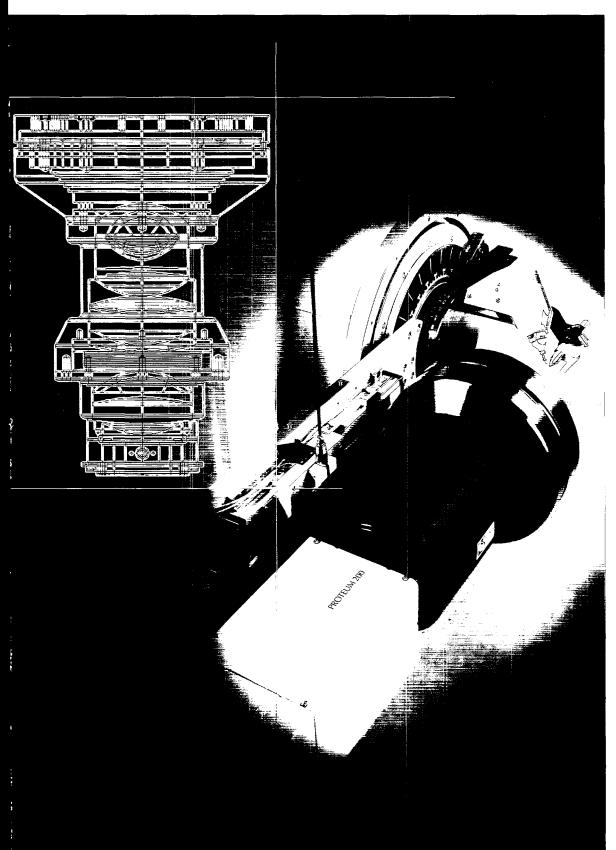
Our substantial investment in research and development has enabled Bruker AXS engineers and scientists to develop technologies that meet the demanding high-throughput requirements of our customers. More than 12% of our global workforce is dedicated to developing innovative technologies that will maintain our position as a leading technology-driven company.

We have established four research and development centers located in Madison/US, Karlsruhe/Germany, Delft/The Netherlands and Congleton/UK. Our strong in-house development groups are partnering with academic institutions worldwide as well as with leading industrial companies such as Siemens, Fairchild Imaging Systems and Affinium™ Pharmaceuticals.

Our global platform strategy and the modular software and hardware component architecture of our systems allows us to react quickly to changing needs of our customers. For example, we developed our new D8 DISCOVER diffraction system for combinatorial screening applications in material science and pharmaceutical industries in a record time of only six months. The excellent market acceptance of this system is evidenced by a 2001 R&D 100 award and more than 30 orders since its market launch.

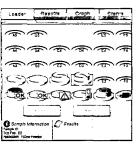
Our development groups work across locations and follow strict procedures to ensure the highest product quality and compliance with standards such as ISO 9001 and 21 CFR part 11.

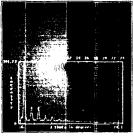
We are committed to continued strong investment in innovative technologies that provide the best solutions for our customers in research and industrial quality assurance.











## Our people are our key assets

We strive to provide a working environment that motivates our employees to generate innovative ideas and turn those ideas into customer-oriented solutions. Good internal and external communication, sharing of company wide knowledge, teamwork, mutual respect and continuous training are the key elements of our human resources strategy. We are constantly adapting our organization to the needs of the markets in a manner that maximizes the talents of our staff. We are structured to provide very few levels of hierarchy so as to encourage our employees to take responsibility for their projects and augment their motivation to succeed. This structure allows our employees to better understand our business strategy and helps them to make sound business decisions every day.

By providing our employees with the opportunity to grow we create a climate of innovation and an attitude of success throughout the company. Open communication and a "Customer First" attitude ensures a positive focus on our customers by every employee, and with this prevalent attitude, we also contribute to the successes of our customers.





"The key for business success is having people from different backgrounds and cultures working together for the efficient development, fabrication, selling and support of innovative new crystallography solutions." Lisuwa Booksma, Vice President Crystallography Solutions/Bruker AXS Inc.



"Our financial organization is dedicated to providing our management teams with timely, accurate and relevant information, allowing us to achieve our financial goals while providing the highest quality service and products to our customers."



"Moving the customer into the focus of our activities is one of the keys for a successful business today and in the future."

Frank Surging, Director Marketing and R&D/Bruker AXS GmbH



"We are dedicated to pushing the frontiers of x-ray diffraction in order to provide powerful new tools for our customers."

ಡಿಂಥತ್ ವಿಭಾಣ, Chief Technology Officer and Vice President, R&D and Engineering/Bruker AXS Inc.



"Our product line driven, dedicated sales force, and customer support staff in all major regions will further accelerate our global growth."

ಡಿಯೆ Rodmann, Director Sales and Customer Support/Bruker AXS GmbH



"We perform to realize profits while aiming for industry leadership and increasing our economic value-added. This gives us the entrepreneurial independence which makes us a reliable partner." മണ്ണാൻ പ്രിയർഷ്ക്, Director Finance and



"It is important that Bruker AXS Ltd provides individually-tailored local solutions as well as addressing the global requirements of our multi-national clients"

Operations/Bruker AXS GmbH

Joromy Loc, Managing Director/Bruker AXS Ltd.



"We listen to the needs and requirements of our customers and provide expertise in helping them to choose the best solution. Continuous customer loyalty is our measurement of success".

Steven M. Pomerantz, Vice President Sales and Marketing/Bruker AXS Inc.



"Operational excellence, based on our ISO9001 certified Quality System, enables us to deliver the high quality products and services that our customers expect."

Klima Wilkins, Sr. Vice President Operations/Bruker AXS Inc. "Bruker AXS Inc.,
complete
solutions for
molecular
and elemental
analysis."

# TABLE OF CONTENTS

- 16 Selected Financial Data
- Management's Discussion and Analysis of Financial Conditions and Results of Operations
- 31 Report of Independent Accountants
- 32 Consolidated Balance Sheets
- 33 Consolidated/Combined Signaments of Operations
- 34 Consolidated/Combined Statements of Shareholders' Equity and Comprehensive Income
- 35 Consolidated/Combined Statements of Cash Flows
- 36 Notes to Financial Statements



### Consolidated/Combined Statement of Operations Data

	Year Encled December 31,		Three Months Ended December 31,	Yed Sept:	The Predecess (Siemens AC Your Ended September 31			
	200 [10]	2000	1999°	: 665 <sub>bl</sub>	: 998 <sup>(3)</sup>	[997]4)		
			(in thousands, ex	(in thousands, except per share data)				
Net sales	\$32,588	\$68,105	\$12,792	\$61,894	\$57,261	\$49,391		
Cost of sales	51,063	43,252	7,873	39,462	35,047			
Gross profit	31,525	24,853	4,919	22,432	22,214			
Operating expenses:								
Research and development	7,744	5,916	1,364	6,837	5,625	_		
In-process research and development	3,590	·	_	·_		-		
General and administrative	5,298	2,723	464	3,009	3,190	_		
Marketing and selling	16,792	14,111	2,877	12,654	13,598	_		
Total operating expenses	33,424	22,750	4,705	22,510	22,4.3	_		
· · · · · · · · · · · · · · · · · · ·	•			•	•			
Operating (loss) income	(1,899)	2,103	216	(78)	[199]	_		
Other expense (income)	314	(58)	(57)	(331)	192			
interest expenses, net	133	916	219	`53T <sup>*</sup>	937	-		
(Loss) income before income taxes	(2,346)	1,245	62	[278]	(1,328)	_		
income fox (benefit) expense	(969)	516	[9]	(302)	(6TC)			
Net (loss) income	(1,377)	729	(129)	24	[778]	(660)		
Convertible preferred stock accretion	833	-		_	_	_		
Beneficial conversion feature	5,192		<u> </u>					
Na: (loss) impome available								
to common shareholders	\$ (7,402)	\$ 729	\$ (129)	\$ <b>2</b> 4	\$ [718]			
Bernings (loss), par								
share - posto and diluted	\$ [0.1 <i>9</i> ]	\$ C.02	\$ 0.00	\$ 0.00	\$ (0.37)	_		
Weighted average shares								
ouistanding – basic	39,613	38,753	33 <i>,75</i> 3	32,503	1,253	_		
Weightsd average shares								
ourstanding – diluted	39,613	38,814	38,753	32,503	1,253	_		
Consolidated/Combined Balance Sh	eet Data					The Prodecesso		
		Λ - *			Δ2	(Sismans AG)		
		As of December 31,			As of Imber 30,	Year Ended September 30,		
	2001 <sup>(i)</sup>	2000	. 999 <sup>[2]</sup>	[ <b>99</b> 0 <sup>[5]</sup>	19983	[9 <b>97</b> <sup>[4]</sup>		
Cash and cash equivalents	\$ 48,787	\$ 2,460	\$ 1,842	\$ 2,765	\$ 2,068	\$ -		
Working equital	66,527	11,716	12,648	15,371	13,980			
Total assets	112,091	42,972	39,969	39,676	35,764	25,218		
Long-term clast	2,200	14,233	14,246	14,81	11,384	5,284		
Shareholders' squity	<i>77,57</i> î	3,001	2,483	2,780	1,459	_		

<sup>(1)</sup> The information includes the operations of Nontus Group since April 1, 2001, the date of acquisition and reflects the initial public offering which accurred on December 14, 2001.

<sup>(2)</sup> Refiscts a three-month fiscal period resulting from a change in fiscal year from September 30 to December 31 in 1999.

<sup>(3)</sup> The financial statements for 1999 and 1998 are presented on a combined basis due to the common ownership of Bruker AXS and Bruker AXS GmbH, the latter of which was formally ecquired by the former in June 1999.

<sup>(4)</sup> The information included for 1997 reflects the minimum information required to be presented by S.K. liam 301. Earnings per share information is not required because the operating business unit acquired from Stemens AG was not a public company; thus, the information is not presented. The additional selected financial data presented in subsequent years was not available for 1997.

You should read the following discussion and analysis of our financial condition and results of operations together with "Selected Financial Data" and our financial statements and related notes appearing elsewhere in this annual report. This discussion and analysis contains forward-looking statements that involve risks, uncertainties and assumptions. Our actual results may differ materially from those anticipated in these forward-looking statements as a result of many factors, including, but not limited to, those set forth under "Factors Affecting Our Business, Operating Results and Financial Condition" and elsewhere in this annual report.

#### OVERVIEW

We are a leading worldwide developer and provider of advanced integrated X-ray systems which provide solutions for molecular and elemental analysis by X-ray diffraction and X-ray fluorescence. Our products, which have particular application in the drug discovery and materials science fleids, provide our austomers with the ability to determine the structure of specific molecules, such as proteins, and to characterize and determine the composition of materials. Our austomers include biotechnology and pharmaceutical companies, semiconductor companies, raw material manufacturers, chemical companies, academic institutions and other businesses involved in materials analysis.

Prior to September 1997, we did not engage in any significant business operations. In October 1997, we and Bruker Physik, one of our affiliates, purchased the analytical X-ray business of Siemens AG. We purchased the assets and assumed the liabilities of Siemens' U.S. business, and Bruker Physik purchased the stock of Siemens' German business, which business then became Bruker AXS GmbH. In connection with this acquisition, we entered into an agreement with Siemens pursuant to which Siemens continues to provide administrative services, principally related to supply of inventory parts, facility maintenance, purchasing, sales and marketing, human resources and accounting. We are transitioning away from using Siemens' services and towards using our own services when it is more cost effective to do so.

In June 1999, we acquired all of the shares of Bruker AXS GmbH from Bruker Physik. The transaction represented an exchange between entities under common control and, accordingly, the assets acquired and liabilities assumed have been accounted for at historical cost in a manner similar to that of pooling-of-interests accounting. As a result of this acquisition, for periods prior to June 1999, our financial statements reflect the combined accounts of us and Bruker AXS GmbH. All significant inter-company transactions have been eliminated in the combined statements.

In December 2001, we completed an initial public offering of 9,000,000 shares of our common stock to the public, at a price per share of \$6.50. We received net proceeds of \$52.6 million. Upon the closing of the initial public offering,

5,625,000 shares of redeemalds preferred stack converted into 6,923,077 shares of common stack (See "Notes to Financial Statements"). In licensary 2002, the underwriters of the initial public offering exercised an over-allotment option to purchase an additional 1,350,000 shares of \$6.50 per share. We received net proceeds of \$8.1 million.

In April 2001, we acquired Nonius B.V. and four of its affiliates ("Nonius") from Delft Instruments N.V., a Dutch company, for approximately \$6.2 million, net of cash acquired, plus the assumption of approximately \$1.8 million of debt and additional liabilities of \$4.3 million. Nonius and its affiliates specialize in the development, production and marketing of products and services for single crystal X-ray diffraction. Accordingly, the Nonius operations were consolidated in the results since the date of the acquisition and had a substantial impact on our results for the year ended December 31, 2001. As part of the acquisition, we entered into a services agreement for Delft instruments to continue to provide various services to the acquired business.

In conjunction with the acquisition of Nonius, we acquired certain in-process research and development ("IPR&D") projects. The first project relates to next generation high brilliancy optics and micro sources. This project is focused on the development of low-power (low energy consumption) X-ray tubes with closely-coupled X-ray optics, which are directed at increasing the performance of expensive and high-maintenance rotating anode generators. The primary goal of this project is to develop the right combination of currently existing technologies in X-ray tube and X-ray optics. At the date of acquisition, this project was approximately 70% complete. We estimated this project would be completed in 2002 and require an additional investment of \$231,000. We believed this project had a value of approximately \$1,257,000.

The second project relates to high power high brilliance rotating anode generators for biological crystallography. This project is focused on increasing the performance of anode generators by a factor of two to enable biochemists to solve structures of biological molecules without using expensive synchrotron beam lines. Improved electronics, electron optics and heat dissipation and higher speed rotation are the key objectives for this project. At the date of acquisition, this project was approximately 50% complete. We estimated this project would be completed in 2002 and require an additional investment of \$154,000. We believed this project had a value of approximately \$1,077,000.

The third project relates to high sensitivity large area detector systems. The goal of this project is to enlarge the size of CCD-based detectors while improving their sensitivity. The research and development work is focused on improving CCD chips and X-ray converting phosphors and increasing the effectiveness of magnifying systems such as fiber tapers or lenses. At the date of acquisition, this project was approximately 70% complete. We estimated this project would be



completed in 2002 and require an additional investment of \$154,000. We believed this project had a value of approximately \$539,000.

The fourth project relates to a next generation software platform for data acquisition and processing. The goal of the project is to develop new and modern software architecture to allow easy customization and performance improvements (mainly algorithms) of the data collection and structure solution software. Our final goal will be to provide a turnkey, push button crystallography tool for the non-crystallographers. At the date of acquisition, this project was approximately 70% complete. We estimated this project would be completed in 2002 and require an additional investment of \$77,000. We believed this project had a value of approximately \$718,000.

There is minimal risk to us that these projects will not be completed in the timetrames noted above, as the most complex aspects of the projects had already been completed. Since each project will result in technologies that can be individually integrated into our system platforms, we will have great flexibility in bringing each projects technology to the market.

Although we believe these IR&D projects, when completed, will provide value, we determined there was an absence of technological feasibility and alternative future use for this IPR&D at the time of acquisition. As such, we utilized a discounted probable future cash flows analysis to prepare a valuction of the fair value of IRRAD. We performed this cash flow analysis on a project by project basis and applied adjusted discount rates of 40%-45% to the projects' cash flow. We used financial assumptions based on pricing, margins and expense levels from those historically realized by Nonius and consistent with industry standards. Material net cash inflows from these projects are expected to begin in 2003. We were primarily responsible for estimating the fair value of the purchased in-process research and development. This valuation resulted in an estimate of the fair value of \$3,590,000 (\$2,118,100) hat of taxl, which was charged to research and development expense immediately following the close of the transaction in the second quarter of 2001.

Our new product introduction goal is to focus on the overall needs of our customers, providing them with complete solutions. Our plan includes providing furnkey systems with open architecture that permits our systems to interface with other natioware and software components in the customer's lab. A major strategy to accomplish this goal is to offer our customers or modular technology approach. Our modular approach permits us to provide individual customers with a customized application through varied complications of already existing product modules. By taking advantage of the modular acustomers without having to incur significant development expenses or aslays. As we bring an systems with these new modular technologies they typically replace systems with the

technologies. Accordingly, this modular approach to introducing new systems helps sustain our revenue growth rates.

We have experienced substantial fluctuations in our quarterly and annual results of operations, and we expect these fluctuations to continue. The amount and firning of our revenues and operating expenses may fluctuate significantly in the future as a result of a variety of factors. We face a number of risks and uncertainties encountered by early stage companies, particularly those in rapidly evolving markets such as the life science industry. We may not be able to successfully address these risks and difficulties. In addition, we are subject to foreign currency fluctuations.

We changed our year-end from a fiscal year ending on September 30 to a calendar year ending on December 31, effective for the three months ended December 31, 1999. We do not believe there are any factors that affect comparability of the fiscal year ended September 30, 1999 and the fiscal year ended December 31, 2000 in any material respect. We are not affected by seasonal factors. Our systems sales are high-cost capital expanditures for austomers, and the selling cycle may take up to one year. The order fulfillment cycle is also long term; it may take up to six months to design and build a system.

## RESULTS OF OPERATIONS

FISCAL YEAR ENDED DECEMBER 81, 2001 COMPARED TO FISCAL YEAR ENDED DECEMBER 81, 2000

#### **NET SALES**

Net sales for the year ended December 31, 2001 increased \$14.5 million, or 21.3%, to \$82.6 million compered to \$68.1 million for the year ended December 31, 2000. Approximately 66.5 million of this increase related to the acquisition of Nonius. Approximately \$1.6 million of this increase related to the inflocuation of our new APEX and D4 products which were favorably received by the market. The remainder of the het sales increase was attributable to increased market acceptance of existing products. Furthermore, the addition of new sales distribution substateries and increased marketing efforts in newer regions also favorably impacted net sales. The increase in het sales was miligated by currency fractuations experienced in 2001, which effectively reduced our U.S. reporting revenues by approximately \$2.6 million. Although third quarter net sales were negatively affected from general business interruption immedicially following the September 11, 2001 terrorist affacks, all sales which had been delayed were recognized by December 31, 2001.

## COST OF SALES

Cost of sales for the year ended December 31, 2001 increased \$7.8 million, or 18.1%, to \$51.1 million compared to \$43.3 million for the year ended December 31, 2000. Appreximately \$5.0 million of this increase was due to the addition of Nonius' operations in 2001. The increase

in cost of sales also includes approximately \$0.6 million of additional costs. The introduction of new automation products accounted for approximately \$0.2 million of additional cost and scrap accounted for approximately \$0.1 million. We also incurred \$0.3 million of unfavorable variances for labor underabsorption due to travel restrictions subsequent to the September 11, 2001 terrorist attacks; some of our labor force was not fully utilized because they were unable to travel to customers to install systems and service our products. The remainder of the cost of sales increase was due primarily to the overall growth of the number of system sales. The gross margin on sales was 38.2% in 2001 compared to 36.5% in 2000. The increase in gross margin was primarily driven by product mix changes and cost reductions. Specifically, we sold more single crystal diffraction and material science systems, which have higher margins. The cost reductions were the result of standardizing production processes at all manufacturing locations.

#### RESEARCH AND DEVELOPMENT

Research and development expenses for the year ended December 31, 2001 increased \$5.4 million, or 91.6%, io \$11.3 million (including in-process research and development costs) compared to \$5.9 million for the year ended December 31, 2000. Approximately \$3.6 million of this increase was due to the write-off of in-process research and development costs related to the acquisition of Nonius. As a percentage of net sales, research and development expenses increased to 13.7% in the year ended December 31, 2001 from 8.7% in the year ended December 31, 2000. If we eliminate the effect of the Nontus acquisition, the research and development expenses as a percentage of net sales in the year ended December 31, 2001 would have been 9.0%. This increase in research and development expenses as a percentage of net sales was due to an expansion of research and development projects, which included increases in personnel, materials and supplies.

### GENERAL AND ADMINISTRATIVE

General and administrative expenses for the year ended December 31, 2001 increased \$2.6 million, or 94.6%, to \$5.3 million compared to \$2.7 million for the year ended December 31, 2000. Approximately \$0.5 million of this increase related to the Nonius acquisition. Approximately \$0.3 million related to the addition of new sales distribution subsidiaries. As a percentage of net sales, general and administrative expenses were 6.4% in the year ended December 31, 2001 compared to 4.0% in 2000. This increase in general and administrative expenses as a percentage of net sales was due to an expansion of administrative functions, additional systems consulting costs and Increased executive management expense.

## WARKETING AND SELLING

Marketing and selling expenses for the year ended December 31, 2001 increased \$2.7 million, or 19.0%, to \$16.8 million

compared to \$14.1 million for the year ended December 31, 2000. Approximately \$0.1 million of this increase was due to the addition of new sales distribution subsidiaries. Approximately \$1.3 million was due to the addition of Nonius' operations. The remainder of the increase was due primarily to additional advertising and trade show expense related to product promotions. As a percentage of net sales, marketing and selling expenses were 20.3% in the year ended December 31, 2001 compared to 20.7% in the year ended December 31, 2000.

## INTEREST EXPENSE (INCOME)

Interest expense decreased \$783,000, or 85.5%, to \$133,000 for the year ended December 31, 2001 compared to \$916,000 for the year ended December 31, 2000. The decrease was due to our reduction of \$16.9 million of debt using the proceeds from our sale of preferred stock and common stock. Additionally, we recognized interest income of \$504,000 and \$71,000 in the year ended December 31, 2001 and 2000, respectively. The increase in interest income was primarily the result of cash received from our preferred stock and common stock offerings.

## OTHER EXPENSE (INCOME)

We recognized \$314,000 of other expense for the year ended December 31, 2001 and \$58,000 of other income for the year ended December 31, 2000. The decrease in 2001 of \$372,000 was primarily due to the effect of foreign currency fluctuations.

FISCAL YEAR ENDED DECEMBER 31, 2000 COMPARED TO FISCAL YEAR ENDED SEPTEMBER 30, 1999

#### **NET SALES**

Net sales increased \$6.2 million, or 10.0%, to \$68.1 million in 2000 compared to \$61.9 million in 1999. This increase was due to further market penetration of existing products, new product introductions and increased after market sales. Approximately \$1.0 million of this increase related to the APEX product introduction. Approximately \$2.7 million of this increase related to the after market sales increase due principally to the addition of a new distribution subsidiary. The increase in net sales was mitigated by currency fluctuations experienced in 2000, which effectively reduced our U.S. reporting revenues by \$7.5 million.

#### COST OF SALES

Cost of sales increased \$3.8 million, or 9.6%, to \$43.3 million in 2000 compared to \$39.5 million in 1999. The gross margin on sales was 36.5% in 2000 compared to 36.2% in 1999. The increase was due to corresponding increases in net sales.

#### RESEARCH AND DEVELOPMENT

Research and development expenses decreased \$920,000, or 13.5%, to \$5.9 million in 2000 compared to \$6.8 million in 1999. Approximately \$900,000 of the decrease was



attributed to a nonrecurring engineering charge paid to Fatrahild imaging, inc., formerly Lockheed Martin Fatrahild Systems, in 1999 for the development of our detector technology. The impact of changes in foreign currencies on research and development was a benefit of \$480,000 in fiscal 2000. As a percentage of net sales, research and development expenses decreased from 11.0% in 1999 to 8.7% in 2000.

### GENERAL AND ADMINISTRATIVE

General and administrative expenses decreased \$286,000, or 9.5%, to \$2.7 million in 2000 compared to \$3.0 million in 1999. During 2000, we determined it was more cost-effective for us to provide some of the administrative services provided by Siemens outselves and, as a result, we recognized savings of approximately \$1.50,000. The remainder of this decrease was due to foreign currency fluctuations. As a percentage of net sales, general and administrative expenses decreased from 4.9% in 1999 to 4.0% in 2000.

#### MARKETING AND SELUNG

Marketing and selling expenses increased \$1.4 million, or 11.4%, to \$14.1 million in 2000 compared to \$12.7 miltion in 1999. The increase was due to several factors. An overall increase in sales volume resulted in an increase in marketing and selling expenses. We incurred approximately \$500,000 for an overall increase in sales personnel and the associated recruiting, training, travel, commissions and office space costs necessary to support a larger sales organization. We also incurred approximately \$500,000 of nonrecurring cost related to incorporating new sales and service subsiciaries in Japan and France. Furthermore, we upgraded our application tab equipment in 1999. This upgrade resulted in increased amortization of \$437,000 attributable to marketing and seiling expenses. Off-setting these increases was a benefit from currency fluctuations of \$1.3 million. As a percentage of net sales, marketing and selling expenses increased from 20.5% in 1999 to 20.7% in 2000.

## INTEREST EXCENSE

Interest expense increased \$385,000, or 72.5%, to \$916,000 in 2000 compared to \$531,000 in 1999. The increase in 2000 was due to additional debt incurred in the second half of 1999, and higher interest rates in 2000.

## OTHER EXPENSE (INCOME)

Other income decreased \$273,000, or 82.4%, to \$58,000 in 2000 compared to \$331,000 in 1999. The decrease was due to interest rate fluctuations on derivative instruments.

THREE MONTHS ENDED DECEMBER 31, 1999 COMPARED TO THREE MONTHS ENDED DECEMBER 31, 1998

### NET SALES

Net sales decreased \$1.7 million, or 11.9%, to \$12.8 million for the three months ended December 31, 1999 compared to \$14.5 million for the same period in 1998. The decrease was due primarily to the relocation of our U.S.

production facility which resulted in a temporary limitation of our production capacity.

#### COST OF SALES

Cost of sales decreased \$2.1 million, or 21.4%, to \$7.9 million for the three months ended December 31, 1999 compared to \$10.0 million for the same period in 1998. The decrease in cost of sales related to U.S. production capacity limitations in 1999 due to the relocation of our U.S. production facility. The gross margin on sales was 38.5% for the three months ended December 31, 1999 as compared to 31.0% for the same period in 1998. This increase resulted from higher after market sales, which have higher margins than system sales.

#### RESEARCH AND DEVELOPMENT

Research and development expenses decreased \$298,000, or 17.9%, to \$1.4 million for the three months ended. December 31, 1999 compared to \$1.7 million for the same period in 1998. As a percentage of net sales, research and development expenses decreased from 11.4% for the three month period ended December 31, 1998 to 10.7% for the three months ended December 31, 1999. The decrease was due to foreign currency fluctuations.

## GENERAL AND ADMINISTRATIVE

General and administrative expenses decreased \$238,000, or 33.9%, to \$464,000 for the three months ended December 31, 1999 compared to \$702,000 for the same period in 1998. In the three month period ended December 31, 1999, we determined it was more cost-effective for us to assume some of the administrative services previously provided by Siemens and, as a result, we reagatized savings of approximately \$100,000. The remainder of this decrease was due to foreign currency fluctuations. As a percentage of net sales, general and doministrative expenses decreased from 4.8% for the three months ended December 31, 1998 to 3.6% for the same period in 1999.

## MARKETING AND SELLING

Marketing and selling expenses decreased \$274,000, or 8.7%, to \$2.9 million for the three months ended December 31, 1999 compared to \$3.2 million for the same period in 1998. The decrease was consistent with reduced commissions associated with lower sales. As a percentage of net sales, marketing and selling expenses increased from 21.7% for the three months ended December 31, 1998 to 22.5% for the same period in 1999.

## INTEREST EXPENSE

Interest expense increased §38,000, or 20.5%, to \$219,000 for the three months ended December 31, 1999 compared to \$181,000 for the same period in 1998. The increase in inferest expense was due to the issuance of industrial Revenue Bonds, the proceeds from which were used to finance our U.S. production facility.

#### OTHER EXPENSE (INCOME)

Other income decreased \$15,000, or 17.9%, to \$67,000 for the three months ended December 31, 1999 compared to \$82,000 for the same period in 1998. The decrease was due to foreign currency fluctuations.

## LIQUIDITY AND CAPITAL RESOURCES

As of December 31, 2001, we had cash and cash equivalents of \$48.8 million and working capital was \$66.5 million. Historically, we have financed our growth through a combination of debt financing and the issuance of our common and preferred stock.

During the year ended December 31, 2001, we used \$2.1 million of cash in operating activities. Our use of cash was primarily due to increases in accounts receivable and inventories related to sales growth. These increases were partially offset by increases in current liabilities, primarily comprised of customer advances. During the year ended December 31, 2000, we generated \$1.2 million in cash flow from operations. This was due to increased current liabilities and the elimination of restricted cash. Specifically, accrued warranty increased due to an increased number of systems in the field and compensation liabilities increased due to the growth of our business. Restricted cash decreased due to a reduction in the number of customers requiring bank guarantees. These increased current liabilities and the elimination of restricted cash were particlly offset by increased accounts receivable and decreased accounts payable. During the three month ceriod ended December 31, 1999, we generated \$1.5 million in each flow from operations. This was primarily due to a reduction in accounts receivable and increased customer advances due to timing of cash payments from customers. This was partially offset by an increase in inventory aue to timing of shipments and an increase in restricted cash to cover customer advances. During the fiscal year ended September 30, 1999, we used approximately \$201,000 of cash in operating activities. Working capital changes, primarily changes in current liabilities and inventory, accounted for the majority of cash used in the period. Our cash use was partially offset by cash provided by changes in accounts payable and accounts receivable.

Cash flows used for investing activities totaled \$9.7 million for the year ended December 31, 2001, \$2.0 million for the year ended December 31, 2000, \$1.9 million for the three month period ended December 31, 1999 and \$3.3 million for the year ended September 30, 1999. Investing activities include acquisitions, investments in other companies and capital expenditures.

Cash used for capital expenditures was \$2.4 million in the year ended December 31, 2001, \$2.0 million in the year ended December 31, 2000, \$1.9 million in the three month period ended December 31, 1999 and \$3.1 million in the fiscal year ended September 30, 1999. We made these

capital expanditures to improve productivity and expand manufacturing capacity. In addition to capital expenditures during 2001, we acquired Nonius for \$6.2 million, net of cash acquired, and made cash investments totaling \$1.0 million in connection with two strategic alliances. No material capital expenditure commitments were outstanding as of December 31, 2001 except for the purchase of the building and land in Karlsruhe, Germany. In October 2001, we entered into an agreement to purchase our Karlsruhe, Germany facility, land and adjacent lot for approximately \$6.6 million. We financed this acquisition with proceeds from our initial public offering, as discussed below, and a \$4.4 million mortgage. The closing of this purchase occurred on February 28, 2002. We expect to continue to make capital investments focused on enhancing the efficiency of our operations and to support our growth.

Cash flows provided by financing activities totaled \$58.2 million for the year ended December 31, 2001 and included primarily net proceeds from the issuance of preferred stock and common stock of \$22.3 million and \$52.6 million, respectively, as discussed below. These cash inflows from financing activities were partially offset by net debt repayments of \$16.7 million. On January 16, 2001, we authorized and sold 5,625,000 shares of Series A convertible preferred stock generating gross proceeds of \$22.5 million. We used these proceeds for working capital needs, retirement of approximately \$5.8 million of debt and the purchase of Nonius. On December 14, 2001, we issued and sold 9,000,000 shares of our common stock for \$58.5 million (or \$6.50 per share) in conjunction with our initial public offering. We incurred \$5.9 million in offering costs as a result of this transaction. Upon the closing of the offering, all 5,625,000 shares of our redeemable preferred stock converted into 6,923,077 shares of common stock. On January 7, 2002, the underwriters of the initial public offering exercised an over-allotment option. As a result, we issued and sold 1,350,000 shares of our common stock for \$8.8 million (or \$6.50 per share). We incurred \$0.6 million in costs as a result of this transaction.

Currently, we have both long-term and short-term debt outstanding. As of December 31, 2001, our long-term debt from a bank in the U.S. was \$2.2 million. The interest rate on our long-term debt is variable based on the Bond Market Association Municipal Swap Index (1.95% at December 31, 2001). The long-term debt matures in December 2013. As of December 31, 2001, we also had short-term borrowings of \$0.2 million from a bank in Germany and \$0.2 million from a related party. We had unused borrowings under our lines of credit of approximately \$5.0 million. The interest rate on our short-term borrowings ranged from 1.75% to 4.28%. In connection with some of our outstanding debt, we are required to maintain various financial ratios and other financial criteria. Additionally, we are subject to some restrictive covenants that require bank consent. As of

December 31, 2001, the latest measurement date, we were in violation with certain covenants and, accordingly, we obtained a waiver from the financial institution. The financial covenants have been waived through March 31, 2002 and we are in negotiations to obtain an amendment with modified covenants.

Presently, we anticipate that our existing capital resources will meet our operating and investing needs through at least the end of 2003. Our future capital uses and requirements depend on numerous factors, including our success in selling our existing products, our progress in research and development, our ability to introduce and sell new products, our sales and marketing expenses, our need to expand production acquaitly, costs associated with possible acquisitions, expenses associated with unforeseen litigation, regulatory changes and competition and technological developments in the market.

#### DISCLOSURE ABOUT CRITICAL ACCOUNTING POLICIES

On December 12, 2001, the SEC issued FR-60, "Cautionary Advice Regarding Disclosure About Critical Accounting Policies." FR-60 is an intermediate step to elect companies to the need for greater investor awareness of the sensitivity of financial statements to the methods, assumptions, and estimates underlying their preparation including the judgments and uncertainties affecting the application of those policies, and the likelihood that materially different amounts would be reported under different conditions or using different assumptions.

Our accounting policies are disclosed in our Notes to Financia. Statements in this Annual Report. There have been no material changes to these policies during fiscal year 2001. The more critical of these policies involve revenue recognition, customer advances, cash and cash equivalents and the use of estimates in valuing inventory and accounts receivable.

Revenue Recognition — We continued to recognize revenues primarily when products are accepted by our customers, except when soid through a non-consolidated Bruker affiliate that assumes responsibility for installation, in which case the system sale is recognized upon shipment. Revenue from accessories and parts is recognized upon shipment, and revenue from services is recognized when performed. Our revenue recognition policies are in accordance with Staff Accounting Bulletin ("SA3") No. 101, "Revenue Recognition in Financial Statements." In addition, warranty costs are estimated and accruse at the time of sale, as appropriate.

Customer Advances — Under the terms and conditions of contracts with certain customers, we require an advance deposit. These deposits are recorded as a liability until revenue is recognized on the specific contract. We continued to apply the same policy at December 31, 2001 as we have in the past. However, the realization of revenue is dependent on our ability to satisfy customer needs and our ability to continue manufacturing operations.

Cash and Cash equivalents — We consider all highly liquid investments with original maturities of 90 days or less to be cash equivalents. Cash and cash equivalents primarily include cash on hand, money market funds, municipal notes and time deposits. Time deposits represent amounts on deposit in banks and temporarily invested in instruments with maturities of 90 days or less at time of purchase. Certain of these investments represent off-shore deposits which are not insured by the FDIC or any other United States government agency. Cash and cash equivalents are carried at cost, which approximates fair market value. Our portfolio of investment grade, liquid debt securities limits the amount of credit exposure to any one issue or issuet.

Inventories — We value inventories primarily at standard cost which approximates the lower of cost or market. Cost is determined by the first-in, first-out (F.FO) method. Valuing inventories at the lower of cost or market requires the use of estimates and judgment. As discussed later under "Factors Affecting Our Business, Operating Results and Financial Condition," our inventories are subject to rapid technological change. This, or certain additional actions, could impact the valuation of our inventory. We continued to use the same techniques to value our inventory as we have in the past. Any technological changes potentially impacting the value of our inventory are considered when determining the lower of cost or market valuations.

Accounts Receivable — We value accounts receivable that of an allowance for doubtful accounts. This allowance is based on our estimate of the portion of the receivables that will not be collected in the future. We continued to apply the same techniques to compute this allowance of December 31, 2001 as we have in the past. However, the ultimate collectibility of a receivable is dependent upon the financial condition of an incivioual customer which could change rapidly and without advance warning.

ADDITIONAL DISCLOSURES CONCERNING LIQUIDITY AND CAPITAL RESOURCES, INCLUDING "OFF-BALANCE SHEET" ARRANGEMENTS

On January 22, 2002, the SEC issued FR-61, "Commission Statement about Management's Discussion and Analysis of Financial Condition and Results of Operations." While the SEC intends to consider rulemaking regarding the topics addressed in this statement and other topics covered by Management's Discussion and Analysis, the purpose of this statement is to suggest steps that issuers should consider in meeting their current disclosure obligations with respect to the topics described.

We are currently evaluating FR-61 and the effects it may have, if any, on this, and future, fillings. Below are our responses to each of the areas addressed by FR-61. Any statements in this section which discuss or are related to future dates or periods are "forward-looking statements."

## 1. Liquidity Disclosures

We include a discussion of liquidity and capital resources in Management's Discussion and Analysis. More specifically, FR-61 requires management to consider the following to identify trends, demands, commitments, events and uncertainties that require disclosure:

- Provisions in financial guarantees or commitments, debt or lease agreements or other arrangements that could trigger a requirement for an early payment, additional collateral support, changes in terms, acceleration of maturity, or the creation of an additional financial obligation, such as adverse changes in the registrant's credit rating, financial ratios, earnings, cash flows, or stock price, or changes in the value of underlying, linked or indexed assets. Our lines of credit and other debt instrument require us to maintain certain financial ratios to comply with the terms of the agreement. As of December 31, 2001, the latest measurement date, we were in violation with certain covenants and, accordingly, we ciptained a waiver from the financial institution. The financial covenants have been waived through March 31, 2002 and we are in negotiations to obtain an amendment with modified covenants. If we fail to obtain waivers on any of these provisions, it could require the repayment of the amounts outstanding (approximately \$2.2 million as of December 31, 2001). We also have bank guarantees on our customer advances which impact the availability on our lines of credit.
- b. Circumstances could impair the registrant's ability to continue to engage in transactions that have been integral to historical operations or are financially or operationally essential, or that could render that activity commercially impracticable, such as the inability to maintain a specified investment grade credit rating, level of earnings, earnings per share, financial ratios, or collateral. Our material risk factors are disclosed in this Annual Report. However, we are not aware of anything that could reasonably be expected to impair our ability to continue to engage in our historical aperations at this time.
- c. Factors specific to the registrant and its markets that the registrant expects to be given significant weight in the determination of the registrant's credit rating or will otherwise affect the registrant's ability to raise short-term and long-term financing. Our material risk factors are disclosed in this Annual Report. However, we are not aware of anything that could reasonably be given significant weight in the determination of our credit rating or will otherwise affect our ability to raise short-term and long-term financing.

- d. Guarantees of debt or other commitments to third parties. We do not have any significant guarantees of debt or other commitments to third parties.
- e. Written options on non-financial assets (for example, real estate puts). We do not have any written options on non-financial assets.

## 2. Off-Balance Sheet Arrangements

FR-61 indicates that registrants should consider the need to provide disclosures concerning transactions, arrangements and other relationships with unconsolidated entities or other persons that are reasonably likely to affect materially liquidity or the availability of, or requirements for, capital resources. We have no such arrangements that exist as of December 31, 2001. Moreover, we do lease various assets under operating leases. The aggregate payments under operating leases are disclosed in Notes to Financial Statements. Significant changes to lease commitments occurring in 2001 relate to the acquisition of Nonius. Such leases primarily include a production facility in The Netherlands. In addition, a significant lease was terminated during 2002 as our Karlsruhe, Germany facility was purchased from our current lessor.

# 3. Disclosures about Contractual Obligations and Commercial Commitments

In FR-61, the SEC notes that current accounting standards require disclosure concerning a registrant's obligations and commitments to make future payments under contracts, such as debt and lease agreements, and under contingent commitments, such as debt guarantees. They also indicate that the disclosures responsive to these requirements usually are located in various parts of a registrant's filings. The SEC believes that investors would find it beneficial if aggregated information about contractual obligations and commercial commitments were provided in a single location so that a total picture of obligations would be readily available. They further suggested that one useful aid to presenting the total picture of a registrant's liquidity and capital resources and the integral role of on- and off-balance sheet arrangements may be schedules of contractual obligations and commercial commitments as of the latest balance sheet date.

We are no different than most other registrants in that our disclosures are located in various parts of this Annual Report, including Notes 10, 11, 12, 14, 15, 20 and 24 to our financial statements in our 2001 Annual Report. Information in the following table is in thousands as of December 31, 2001.

Contractual obligations	Total	Less than 1 year	1-3 years	4-5 years	After 5 years
Operating lease obligations	\$ 3,501	\$ 1,259	\$1,832	\$410	\$ -
long-term debt	2,200	_	350	190	1,660
Purchase of Karlsruhe building	6,800	6,800	_	_	_
Other commitment	2,300	2,300	-	-	_
Total	\$14,801	\$10,359	\$2,182	\$ 600	\$1,660

# MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

## DISCLOSURES ABOUT CERTAIN TRADING ACTIVITIES THAT INCLUDE NONEXCHANGE TRADED CONTRACTS ACCOUNTED FOR ALLFAIR WALLE

We do not have any hading activities that include nonexchange haved contracts accounted for at fair value.

# DISCLOSURES ABOUT EFFECTS OF TRANSACTIONS WITH RELATED AND CERTAIN OTHER PARTIES

We displayed the effects of transpotters with related parties in Note 14 to our financial statements in our Annual Report. There we raino other significant transpotters with related and ostic in other up. Text.

# QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

We are purerious exposed to market risk associated with anding so in foleign examplings and interest rates for which we selectively use than add instruments to reduce related market risks. An instrument will us treated us a neage this is effective than a selection of volatility in our underlying exposure. We unless so entered into instruments which are not officially interivatives and therefore such instruments are considered enabled to policies and procedures. Analytical real nicious used to make use and market valuation executed the policies and procedures. Analytical real nicious used to make use and market valuation.

## INVACTION FOREIGN CURRENCIES

We sell products in many countries, and a substantial portion of sales, costs and expenses are denominated in foreign currenties, attraitedly in the sale. In 2001, the U.S. deflat was more tierly strong against the sure and must not minimal impact on the corso located revenue growth rets. In 2000, the U.S. dollar strongthaned against the sure. This reduced a consolidation revenue growth rate, as expressed in U.S. dollars, in addition, the currency fluctuations resulted in accumulation foreign currency that soften losses of approximately \$496,000 and \$349,000 at December \$1, 2001, and 2000, respectively it less losses are included as a component of accumulation of the connections.

While we may, from time to time, hedge specifically identified cash flows in foreign currentles using forward contracts, this foreign currently interaction in maintains of the foreign extractional years not been male in the maintains of the scalarisations of the related to receive with the scalarisations of the related to receive a recognized in the same particle as gains and lesses on these contracts as recognized in the same particle as gains and lesses on the recognized in the same particle as gains and lesses on the recognized in the same particle as gains and lesses on the head of thems. At December 31, 2001 and 2000, the authors to foreign currently forward continuous currently denoted have also two who motivated non-functional expose us to length, expanding their currents, which would expose us to length, expanding their cutterfling of December 31, 2001 or 2001 or 2000.

Historically, realized fareign exphange gains and losses nave peer majoriel. Rocalized favolunt expanding elesses igains! were approximately \$1.50,000. [\$205,000], [\$49,000] and [\$1.89,000], for the years ended December \$1, 2001 and 2000, for the three mantin pariod ended December \$0, 2001 and 2000, for the three mattin pariod ended December \$0, 1999, respectively. As we expand internationally, we will evaluate outlined which for the gas expanding to enter the fareign expandings contractly from the following expanding foreign authors expanding expand

We have entered into foreign-denominated before ballguittons. The outrendy effects of the pelon of ity private are reflected in the occumulated constraint to make a country within state of the say the ATOM increase of a decrease of the respective foreign extrange to be visually result in a change in accumulated of the respective income (oss) of approximately, \$42,000 or (\$52,000), respectively.

#### EMPACTIOF INTEREST BATES

Our exposure relative in coveres to be contained in interest rates is primorily decired from pulstanding classing rate destribed ments that are indexed to short continuated roles and from our cash equivalents. Our objective in monoging our exposure to interest rates is to decrease value for the oranges in misrost rates ingot have on earthings and can allows. To achieve this adjective, we use a fixed in to agreement to our expension actions a performance of earthings and contains a management, that is agreed for earthic contribute and actions in section of earthings and actions in a green and to

In the U.S., we entered the contribution refersively and a congruence which is designable as a cost flow hadge. The effect of this agreement was not written in about 0.3.2 million tradewital reverue land as 6 than into all 4.6%. At an in 4.4% final refer of interest one receive a vertical million of interest threshold for a fact of a flow as interest threshold and the fact of a flow as interest as a confidence of another was interest as a section of the received as a consum. Not interest as your index on the \$2.2 million action a column to the interest as person, at mall for the interest is recorded as for interest where as an individual of the instrument as a consider a communication of the sometiments of \$2.2,000 the property of \$2.000 the first three of the contract of \$1.000 the \$1.000 th

In Gentrany, we have entered trick on illustrest rais and and aways which are consented, that destignated as its legals. We have entered from these interest rais out that as a minimize our future effective botto ving raise. We have an interest rais acroited explices consider A million destignational following which explices conductly A, 2006. The trianget conditions is fixed at A-90% from amount. We also have an impress raise swipp of 6 million DM which expires an interest raise of A-80% is interest rate of A-80% is an amount for the period landary A, 2007, it is inferent as swipp as course a fixed interest raise of A-80% is an amount for the period landary A, 2007, in the swipp of 6 million DM for the period landary 4, 2007 to Landary 4, 2007.

If we were to enter into additional debt with the counterparty, our fixed interest rate would be reduced from 4.83% per annum to 3.53% per annum. We also had an additional financial instrument, which terminated in the fourth quarter of 2001, that we acquired from the acquisition of Nonius. These instruments are considered speculative and are marked-to-market. The fair value of the instruments (depreciated) appreciated approximately (\$163,000), (\$147,000), \$18,000, and \$142,000 for the years ended December 31, 2001 and 2000, for the fair value of the instruments was approximately \$1,000 and \$69,000 as at December 31, 2001 and 2000, respectively.

A ten percent increase or decrease in the average cost of our variable rate deet would not result in a material change in pre-lax interest expense.

#### EXPLATION

We do not believe inflation has had a material impact on our business or operating results during the periods presented.

### RECENT ACCOUNTING PRONOUNCEMENTS

In June 2001, the Financial Accounting Standards Board ("FASB") issued Statement of Financial Accounting Standard "SFAS", No. 141, "Business Combinations" and SFAS No. 142, "Goodwill and Other Intangible Assets." The statements eliminate the pooling-of-interests method of accounting for lausiness combinations and require that goodwill and intengible assets with indefinite useful lives not be amortized. instead, in accordance with the provisions of SFAS No. 142, these assets will be reviewed for impairment annually, or on an interim basis when events or changes in circumstances warrant. The impairment lest shall consist of a comparison of the fair value of goodwill or an intangible asset with its carrying amount with any related impairment losses recognized in earnings when incurred. SFAS No. 142 also requires intangible assets with finite useful lives be amortized over their estimated useful lives to their estimated residual values, and reviewed for impairment whenever events or changes in direumstances indicate that the carrying amount of the asset may not be recoverable, in accordance with SFAS No. 121, "Accounting for the Impairment of Long-Lived Assets and for Long-Lived Assets to Be Disposed of." The statements will be effective Lanuary 1, 2002 for existing goodwill and intengible assets and July 1, 2001 for business combinations complated offer June 30, 2001. The adoption of these statements is expected to reduce annual goodwill and trademark and tradename amortization expense related to the acquisition of Nonius by operoximately \$1.65,000.

In June 2001, the FASB issued SFAS No. 148, "Accounting for Asset Retirement Obligations." SFAS No. 148 requires entitles to record the fair value of a libability for an asset retirement obligation in the period in which it is incurred. When the liability is initially recorded, the entity applications a cost by increasing the carrying amount of the related long-lived asset. Over time, the liability is accreted to its present value each period, and the application cost is dedicated over the useful life of the related asset. Upon settlement of the liability, an entity either settles the obligation for its recorded amount or incurs a gain or loss upon settlement. The standard is effective for fiscal years beginning after June 15, 2002. We are evaluating the impact of SFAS No. 143 on our results of operations and financial position.

in August 2001, the FASB Issued SFAS No. 144, "Accounting for the impairment of Disposal of Long-Lived Assets." STAS No. 144 andresses linearcial accounting and reporting for the impairment or disposal of laughtval assets. The accounting model for long-lived assets to be disposed of by sale applies to all long-lived assets, including distantinued operations. SFAS No. 144 requires fact faces long-lived assets be measured at the lower of carrying amount or fair value less cost to sell, whether reported in continuing operations or in discontinued operations. Therefore, discentinued operations will no longer be measured at het realizable value or include amounts for operating losses that have not yet occurred. SFAS No. 144 also broadens the reporting of discontinued operations to include all components of an entity ty with operations that can be distinguished from the rest of the entity and that will be climinated from the angoing operations of the entity in a disposal transaction. The provisions of this Statement are effective for financial statements issued for fiscal years beginning offer December 15, 2001, and interim periods within those fiscal years, with early application encouraged. We are evaluating the impact of SFAS No. 144 on our results of operations and financial position.

### EURO CONVERSION

On January 1, 1999, member countries of the European Monetary Union began a three-year transition from their notional currencies to a new common currency, the euro. In the first phase, the permanent rates of exchange between the members' national currency and the euro were established and monetary, capital, foreign exchange and interbank markets were converted to the euro. National currencies will continue to exist as legal tender and may continue to be used in commercial transactions. In January 2002, euro currency was issued, and by July 2002, the respective national currencies will be withdrawn. We have significant operations in member countries. During February 2002, we convented our systems to be euro compliant. Costs of the euro conversion to date were not material and management balleves that future conversion costs will not have a material impact on our operations, cash flows or financial condition.

# FACTORS AFFECTING OUR BUSINESS, OPERATING RESULTS AND FINANCIAL CONDITION

The following risk factors should be considered in conjunction with the other information included in this report. This report may include forward-looking statements that involve risks and uncertainties. In addition to those risk factors discussed elsewhere in this report, we identify the following risk factors which could affect our actual results and cause actual results to differ materially from those in the forward-looking statements.

If our products fail to achieve and sustain sufficient market acceptance, our business may be significantly harmed.

The commercial success of our products depends on market acceptance of our products by biotechnology and pharmaceutical companies and research laboratories. We have only recently commercially launched many of our current products, and many of these products have achieved only limited sales. We may fail to achieve market acceptance of our newer products or sustain substantial market acceptance of our already established products. Any failure of this nature could materially harm our business. In order to expand, we must convince substantial numbers of pharmaceutical and biotechnology companies and other laboratories to replace their existing X-ray or other techniques with the X-ray technologies employed by our systems. Our systems utilize sophisticated instruments, and many have significant purchase prices. Limited funding available for capital acquisitions by our customers, as well as our customers' own internal purchasing approval policies, could hinder market acceptance of our products. Our intended customers may be reluctant to make the substantial capital investment generally needed to acquire our products or to incur the training and other costs associated with replacing their existing systems with our products. We also may not be able to convince our customers that our systems are an attractive and cost-effective alternative to other technologies and systems. Because of these and other factors, our products may fail to gain or sustain market acceptance.

If we are not able to respond to the rapid technological change characteristic of our industry, we may fail to maintain market share and our business may suffer.

Rapid technological change and frequent new product introductions characterize the market for life science and related discovery tools. Rapidly changing technology could make some or all of our product lines obsolete. Because substantially all of our products are based on X-ray technologies, we are particularly vulnerable to any technological advances that would make X-ray technologies obsolete in any of our markets. In addition, we may have difficulty in keeping abreast of the rapid changes affecting each of the different markets we serve or intend to serve. If we fail to develop and introduce products in a timely manner in response to

changing technology, market demands or the requirements of our customers, our business, results of operation and financial condition could be materially normed.

If we are unable to recover significant development costs of one or more of our products or product lines, our business, results of operations and financial condition may suffer.

We offer and plan to offer a broad product line and incur and expect to incur substantial expenses for the development of new products and enhanced versions of our existing products. To meet the evolving needs of our customers, we must rapidly and continually enhance our products and services and develop new products and services. Our business model calls for us to derive a significant portion of our revenues each year from products that did not exist in the previous two years. However, we may experience difficulties which may delay or prevent the successful development, introduction and marketing of new products or product enhancements. The speed of technological change in life science and other related markets we serve may prevent us from successfully marketing some or all of our products for the length of time required to recover their often significant development costs. If we fail to recover the development costs of one or more products or product lines, our business, results of operations and financial condition could be harmed.

If the proteomics market does not grow as expected, we may not meet our growth expectations.

We expect the proteomics market to fuel the growth of a significant portion of our business. We have invested and expect to confinue to invest significant time and resources in the development of new products for this market. If this new and still evolving market does not grow and become established, we may not realize the expected profit from these research and development expenditures. If this market for our products does not grow, our expected growth rate could decline substantially, which could have a material adverse impact on our pusiness, results of operations or financial condition. If we do not address our substantial competitive pressures, our revenues and profitability may suffer. In each market, for each of our products, we face substantial competition from compatitors who offer products based on X-ray technology as well as from those employing alternative technologles. We expect that competition in our markets will increase significantly, especially as more biotechnology and pharmaceutical companies adopt automated high throughput instruments as tools for drug discovery, drug development and related areas. Our competitions may develop or market procucts that are more effective or more commercially attractive than our current or future products or that may render our products obsolete. Many of our competitors have substantially greater financial, operational, marketing and technical resources than we do. If we are unable to compete effectively with these companies, our market share may decline and our business could be harmed.

Our success depends on our ability to operate without infringing or misappropriating the proprietary rights of others.

Our commercial success depends on avoiding the infringement of other parties' patents and proprietary rights as well as avoiding the breach of any licenses relating to our technologies and products. Given that there may be patents of which we are unaware, particularly in the U.S. where patent applications are confidential, avoidance of patent infringement may be difficult. Various third-parties hold patents which may relate to our technology, and we may be found in the future to infringe these or other patents or proprietary rights of third parties, either with products we are currently marketing or developing or with new products which we may develop in the future. If a third party holding rights under a patent successfully asserts an infringement claim with respect to any of our current or future products, we may be prevented from manufacturing or marketing our infringing product in the country or countries covered by the patent we infringe, unless we can obtain a license from the patent holder. We may not be able to obtain the license on commercially reasonable terms, if at all, especially if the patent holder is a competitor. In addition, even if we can obtain the license, it may be non-exclusive, which will permit others to practice the same technology licensed to us. We also may be required to pay substantial damages to the patent holder in the event of an infringement. Under some circumstances in the U.S., these damages could include damages equal to triple the actual damages the patent holder incurs. If we have supplied infringing products to third parties for marketing by them or licensed third parties to manufacture, use or market infringing products, we may be obligated to indemnify these third parties for any damages they may be required to pay to the patent holder and for any losses the third parties may sustain themselves as the result of lost sales or license payments they are required to make to the patent holder. Any successful infringement action brought against us may also adversely affect marketing of the infringing product in other markets not covered by the infringement action, as well as our marketing of other products based on similar technology. Furthermore, we will suffer adverse consequences from a successful infringement action against us even if the action is subsequently reversed on appeal, nullified through another action or resolved by settlement with the patent holder. The damages or other remedies awarded, if any, may be significant. As a result, any successful infringement action against us may harm our business.

We may be involved in lawsuits to protect or enforce our patents that are brought by us which could be expensive and time consuming.

In order to protect or enforce our patent rights, we may initiate patent litigation against third parties; and we may be similarly sued by others. We may also become subject to

interference proceedings conducted in the patent and trademark offices of various countries to determine the priority of inventions. The defense and prosecution, if necessary, of intellectual property suits, interference proceedings and related legal and administrative proceedings is costly and diverts our technical and management personnel from their normal responsibilities. We may not prevail in any of these suits. An adverse determination of any litigation or defense proceedings could put our patents at risk of being invalidated or interpreted narrowly and could put our patent applications at risk of not issuing.

Furthermore, because of the substantial amount of discovery required in connection with intellectual property litigation, there is a risk that some of our confidential information could be compromised by disclosure during this type of litigation. In addition, during the course of this kind of litigation, there could be public announcements of the results of hearings, motions or other interim proceedings or developments in the litigation. If securities analysts or investors perceive these results to be negative, it could have a substantial negative effect on the trading price of our common stock.

If we are unable to effectively protect our intellectual property, third parties may use our technology, which could impair our ability to compete in our markets.

Our success will depend in part on our ability to obtain and maintain meaningful patent protection for our products throughout the world. We seek patents to protect our intellectual property and to enhance our competitive position. However, our presently pending or future patent applications may not issue as patents, and any patent issued to us may be challenged, invalidated, held unenforceable or circumvented. Furthermore, the claims in patents which have been issued, or which may be issued to us in the future, may not be sufficiently broad to prevent third parties from producing competing products. In addition, the laws of various foreign countries in which we compete may not protect our intellectual property to the same extent as do the laws of the U.S. If we fail to obtain adequate patent protection for our proprietary technology, our ability to compete would be impaired.

In addition to patent protection, we also rely on protection of trade secrets, know-how and confidential and proprietary information. To maintain the confidentiality of trade secrets and proprietary information, we generally seek to enter into confidentiality agreements with our employees, consultants and strategic partners upon the commencement of a relationship with us. However, we may not obtain these agreements in all circumstances. In the event of unauthorized use or disclosure of this information, these agreements, even if obtained, may not provide meaningful protection for our trade secrets or other confidential information. In addition, adequate remedies may not exist in the event of unauthorized use or disclosure of this information. The loss or exposure of our trade secrets and other proprietary information

# MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

would impair our competitive advantages and could have a malerial adverse effect on our operating results, financial condition and future growth prospects. Furthermore, others may have developed, or may develop in the future, substantially similar or superior know-how and technology.

We have agreed to share our name and distribution channels with other entities under common control; if we lose the right to use our name or if our distribution channels are disrupted, our business could be materially harmed.

We maintain a sharing a greenment with 13 offician entitles that allows us to share the Bruker name with these afficied companies and their substallations. We could lose the right to use the Bruker name if:

- on disclars bankruptcy;
- Wo inferfere with emotives perry's use of the name;
- o was take a material action which materially detracts train the goodwill associated with the name; or
- we suffer a major loss of our reputation in our inclusing or marketolese.

The loss of the Bruker name could result in a loss of good-will, brand loyally and sales of our products. We also share some distribution and has a with many of these difficient, primarily in secondary markets. Although we have dedicated X-ray sales and service staff in each of the distribution channels we share with affiliates, if we lose this abdicated service staff and if our difficient products receive distribution priority over our products, our distribution process could be imparitied, resulting in lost sales which could harm our pushess.

We may be subject to substantial liability if our products mattunation or are misused.

Due to the high-nower, complex nature of our machines, maifunction of misuse of the machines could result in serious. camage to properly or injury to people. For example, our products utilize X-ray beams which could cause serious damage to biological tissuo. While our systems contain protective devices designed to prevent harmful exposure to X-rays, our service personnel often avertice these protective devices to service and maintain the systems. In addition, some of our customers require the cibility to avoid these protective devices. As a result, our personnel or our customers' personnel could be injured by exposure to X-ray bearns and could sue us. Additionally, some of our products operate at very high electrical valiage. Misuse of these products could lead to damaging accidents such as fires. Lawsuits filed against us for personal or property damage could result in substantial liability which could harm our financial results.

If we fail to enter into and maintain effective collaborations, our product development may be stunted and our business may suffer.

We collaborate with other companies and accessmic institutions on new featuralogy and product have coment. Demand for our products will append in participant the extent to which these collaborations are successful in developing, or helping us to develop, new products and new applications for our existing products. We have limited or no control over the resources that any collaborator may develop to our products. Any of our present or future collaborators may not perform their obligations as expected. If we fail to enter this or maintain appropriate collaboration agreements, or if any of these events occur, we may no be a pole bavelop now products as planned, which could narm our pusiness.

Any reduction in the cooting resources or government for strigg of our conformers could reduce our entires and huminous business.

A significant partion of our sales are certific purchases by our customers. The stranding particles of our customers could have a significant streat on the demand for our procuots. These policies are based on a wide variety of factors, including the resources awaitable to the raise routeness, the spending priorities among various types of souteness, the spending priorities among various types of souteness, the colores accompation conditions and changes in the political climate. Any changes in nubital spending or energy in the accidence of the surger's of our products. The accidences are our biolecanology and other nonportals customers may be limited by the availability of southy or debt inducing. Any significant asoline in colore, expenditures by our distances could norm our business.

We are dependent, both directly and indirectly, on the research and development spending actions of the pharmaceutical, bioleganology, dismical and other industries, as well as upon the funding policies of various governments and government agencies. In addition, we make a substantial policie of our sales to non-profit entities, which are dependent on continued high levels of government support for salestific research. Any decime in this support could have our business.

We stroy not be able to expand our sales and service staff to meet demand for our products and services.

Our future revenue and profit ability will depend on our ability to exported our marketing and solutionate as well as our service and support feath. Because our products are feathful at in nature, we believe that it is important in many cases for our marketing, sales and support start to have scientific or feathful expertise and experience. Competition for employees with these skills is intense. We may not as able to continue to affect and retain sufficient auditified sales and service people, and we may not as able to grow and maintain an efficient and effective sales, marketing and support department. If we fail to continue to affect or retain qualified about, our pusiness could suffer.

We plan significant growth, and there is a risk that we will not be able to manage this growth.

Our success will depend on the expansion of our operations. Effective growin management will place increased demands on our management, operational and financial resources. To manage our growth, we must expand our facilities, augment our operational, thandle land magement systems and hire and train additional and lifed personnel. Any now systems which we implement to facilitate our growth may have problems which adult result in disruptions in our operations, financial or management systems. If we fail to manage our growth effectively, our pusiness, results of operations and literatal condition will be harmed.

We are dependent upon various key personnel and must recruit additional qualified personnel for a number of management positions.

Our success is highly dependent on the continued services. of key management, technical and scientific personnel. Our tranegement and other employees may voluntarily terminate their employment with us at any time upon short notice. The loss of the services of any member of our senior management, technical or scientific staff may significantly delay or prevent the achievement of product development and other business objectives, in November 2001, our chief financial officer informed us that he would be leaving Bruker AXS for personal reasons, but would continue to serve as our chief financial officer until May 2002. We recently hired a new chief financial officer who will join the company in April 2002. The chairman of our board of directors also is and has been chief executive officer and chairman of the board all directors of art affiliated, publicly traded company and a management officer of several affiliates, which reduces the time and attention he can devote to our management. Our future success will also depend on our ability to identify, recruit and retain additional qualified scientific, technical and managerial personnel. Competition for qualified personnel is intense, particularly in the areas of information technolagy, engineering and science, and the process of hiring suitably qualified personnel is often lengthy. If we are unable to hire and retain a sufficient number of qualified employees, our ability to conduct and expand our business could be seriously reduced.

Me are dependent in our operations upon a limited number of suppliers.

We currently purchase key components used in our X-ray systems from several preferred suppliers. Although we maintain secondary suppliers, our reliance on the preferred suppliers could result in delays associated with redesigning a product due to an inability to obtain an adequate supply of required components and reduced control over pricing, quality and timely delivery. In particular, we obtain a very sophisticated and for use in our CCD desectors from Fairchild Imaging, which to our knowledge is the only source of a chip of this

size and quality. See "Business—Strategic Collaborations." Although we have secondary chip sources, we do not believe that any of these sources would currently be able to provide us with a similar chip of comparable quality. Any interruption in the supply of components could have an adverse effect on our business, results of operations and financial condition.

If we fail to expand our international presence, our revenue may not grow as expected.

international sales account for, and are expected to continue to account for, a significant partion of our total revenues. International expansion will require that we hire additional personnel. If we fail to hire additional personnel or to develop and inclintain relationships with foreign customers and partners, we may not be able to expand our international sales and could suffer decreased profits.

International sales and operations are and will remain subject to a number of additional risks not typically present in domestic operations, including:

- changes in regulatory requirements;
- the imposition of government controls;
- political and economic instability or conflicts;
- the costs and risks of deploying systems in foreign countries;
- limited intellectual property rights; and
- the burden of complying with a wide variety of complex foreign laws and treaties.

Our international operations are and will remain subject to the risks associated with the imposition of legislation and regulation relating to the import or export of high lecturology products or other similar areas. We cannot predict whether tariffs or restrictions upon the importation or exportation of our products will be implemented by the U.S. or other countries. If these tariffs or restrictions are imposed, our revenues or profits could suffer. We are also subject to the risks inherent in managing geographically distributed operations and personnal with disparate cultures.

Our results of income may be adversely affected when we exchange foreign currency received from international sales into U.S. dollars.

A significant portion of our business is conducted in currencies other than the U.S. dollar, our reporting currency. As a result, currency fluctuations among the U.S. dollar and the foreign currencies in which we do business have caused and will continue to cause foreign currency transaction gains and losses. We recognize foreign currency gains or losses artising from our operations in the period incurred. Due to the number of currencies involved, the variability of currency exposures and the potential volatility of currency explanage

# MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

rates, we cannot predict the effects of exchange rate fluctuations upon our future operating results. To date, we have engaged in only limited hedging activities to reduce this risk.

Because we have subsidiaries and operations in countries outside the U.S., we are subject to various international tax risks which could adversely affect our earnings.

We have numerous subsidiaries and operations outside the U.S., and we are subject to international tax risks. Distributions of earnings and other payments received from our subsidiaries may be subject to withholding taxes imposed by the countries where they are operating or are formed. If these foreign countries do not have income tax treaties with the United States or the countries where our subsidiaries are incorporated, we could be subject to high rates of withholding taxes on these distributions and payments. We could also be subject to being taxed twice on income related to operations in these non-treaty countries. Because we are unable to reduce the taxable income of one operating company by losses incurred by another operating company located in another country, we may have a higher foreign effective income tax rate than that of other companies in our industry. The amount of the credit that we may claim against our U.S. federal income tax for foreign income taxes is subject to many limitations which may significantly restrict our ability to claim a credit for all of the foreign taxes же эау.

If we make acquisitions, we may fail to successfully integrate technologies, personnel and operations, which could impede revenue growth and harm our business.

If appropriate apportunities become available, we may acquire additional technologies, products or businesses to expand our existing and planned product lines and technologies. These acquisitions would expose us to risks including:

- the assimilation of new technologies, operations, sites and personnel;
- the diversion of resources from our existing business and technologies; and
- the inability to generate revenues to offset associated acquisition costs.

Acquisitions may also result in the issuance of dilutive equity securities, the incurrence or assumption of dept or additional expenses associated with the amortization of acquired intengible assets or potential business.

Damages to our manufacturing facilities could adversely affect our ability to effectively operate our business.

We maintain manufacturing facilities in Madison, Wisconsin, Delit, the Netherlands and Karlsruhe, Germany. Damage to

any of these facilities due to fire, weather, earthquake or other natural disaster, power loss, unauthorized entry or other events could cause an interruption in the production of our products. A prolonged interruption in our manufacturing operations could have a material adverse impact on our ability to effectively operate our business. The insurance we have purchased may not be sufficient to cover any losses incurred.

Our operating results may fluctuate significantly, and any failure to meet financial expectations may disappoint securities analysts or investors and result in a decline in our common stock price.

Our operating results have fluctuated in the past, and we expect that they will fluctuate in the future. Factors that could cause our operating results to fluctuate include, among other things, the timing of release and competitiveness of our products, disputes regarding patents or other intellectual property rights and currency fluctuations.

If revenue declines in a period our earnings may decline because many of our expenses are relatively fixed in the short term. In particular, research and development and selling, general and administrative expenses are not directly affected by variations in revenue in a period.

Due to volatile and unpredictable revenues and operating expenses, we believe that period-to-period comparisons of our results of operations may not be a good indication of our future periodiction. It is possible that, in some future periods, our operating results may be below the expectations of securities analysts or investors. In such event, the market price of our common stock could fluctuate significantly or decline.

Claims relating to improper handling, storage or disposal of hazardous or radioactive materials present at our facilities or properties could result in liabilities and be time consuming and costly to defend.

We handle hazardous and radioactive materials in our business which are subject to federal, state, local and foreign environmental, health and safety laws and regulations. In addition, hazardous materials may have been released in the past of properties which we own or lease or may be released at properties to which we send waste for disposal. If we fail to comply with applicable laws and regulations, regulatory authorities could impose on us sanctions and penalties, which could be substantial. Moreover, we could be held strictly liable for damages relating to releases of hazardous or radioactive material, including the cost of cleanup and personal injury or property damages, and we may incur delays and increased costs in manufacturing our products and otherwise conducting our business.

To the Board of Directors and Shareholders of Bruker AXS Inc.:

In our opinion, the statements appearing on pages 32 through 50 of this report present fairly, in all material respects, the financial position of Bruker AXS Inc. and its subsidiaries at December 31, 2001 and 2000, and the results of their operations and their cash flows for the years ended December 31, 2001 and 2000, for the three month period ended December 31, 1999 and for the year ended September 30, 1999, in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the Company's management; our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with auditing standards generally accepted in the United States of America, which require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

Milwaukee, Wisconsin

March 15, 2002, except for Note 11, as to which the date is March 25, 2002

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## BRUKER AXS INC.

# CONSOLIDATED BALANCE SHEETS

Ger Ended December 31,	2001	2000
SSETS		
Lurreni Csseis:		
Cash and cash equivalents	\$ 48,787,026	\$ 2,460,457
Accounts receivable, net	17,206,783	12,007,061
inventories	26,768,962	20,141, <b>275</b>
Prepaid expenses	809,303	345,943
Other assets	951,625	495,243
Deferred income taxes	886,365	313,612
Total current assets	95,410,064	35,769,59
roparty and equipment, not	8,150,910	6,715,761
estricted cash	108,074	_
Diner	1,053,620	121,304
riangibie asseis - trademarks and tradenames, net	250,250	<u>.</u>
Soodwill, ret	3,099,314	_
westments in other companies	2,000,000	_
referred income taxes	2,018,314	365,592
Total assets	\$112,090,546	\$ 42,972,248
ABILITIES AND SHAREHOLDERS' EQUITY furrent liabilities: Shortferm borrowings Related party debt - current Accounts payable Other current liabilities	\$ 241,957 229,180 7,415,956 20,995,538	\$ 2,983,438 1,794,743 5,827,842 18,947,918
Total current liabilities	28,882,631	24,053,941
ong-farm dola) alated party delat - non current corued pension	2,200,000 - 3,437,058	5,034,543 7,792,330 3,070,774
oramitments and contingencies (Note 20)		
hareholders' equity: Preferred stock, \$.01 par value, 5,000,000 authorized, C shares issued and outstanding at December 31, 2001 and 2000 Common stock, \$.01 par value, 100,000,000 shares authorized, 54,830,038 and 38,752,500 shares issued and outstanding at	-	-
December 31, 2001 and 2000, respectively	548,304	337,525
December 3., 2007 Che 2000, respectively Additional paid-in capital	79,135,021	337,323 3,160,071
Ademone, palenn deplia. Accumulaise deficit		3, :65,07 : (198,059 :
	(1,574,502)	
Accumulated other comprehensive loss	(537,966)	348,877) 3,000,660
Total sharsholders' squity	77,570,857	3,500,650

## BRUKER AXS INC.

## CONSOLIDATED/COMBINED STATEMENTS OF OPERATIONS

	Dece	r Ended mber 31, 2001		ear Ended comber 31, 2000		nree Months Ended ecember 31, 1999		fear Ended plamber 30, 1999
		solidated	Co	nsolidated	C	onsolicated	(	Combined
Net sales	\$82,	587,569	\$68	,104,607	\$1	2,792,155	\$6	:,893,929
Cost of sales	51,	062,780	43	,251,673		7,872,969	3	9,461,799
Gross profit	31,	524,789	24	,852,934		4,919,186	2	2,432,130
Coerating expenses:								
Research and development	7,	743,836	5	,916,256		1,364,537		6,836,515
in-process research and development		590,000		_				_
General and administrative	5,	298,356	2	,722,805		463,773		3,009,141
Marketing and selling	16,	792,047	14	,110,512		2,877,024	· ,	2,664,403
Total operating expenses	33,	424,239		,749,573		4,705,334		2,510,059
Operating (loss) income	(1,	899,450)	2	,103,361		213,852		77,929)
Ofner expense (income):								
interest income	(	503,904)		(71,487)		_		•
Interest expense - third party		378,070		583,087		151,309		197,420
Interest expense - related party		258,580		404,648		67,310		333,639
Other expense (income)		313,739	·	(58,167)		(67,020)		(330,814)
(Loss) income before income taxes	(2,	345,935)	7	,245,280		62,233		(278,174)
income tax (benefit) expense		969,492)		515,747		191,387		302,1661
Net (loss) income		376,443)		729,533		(129,154)		23,992
Convertible preferred stock accretion		833,129		_		_		_
Seneficial conversion feature		192,308						
Net (loss) income available to common shareholders	\$ (7,	401,880)	\$	729,533	\$	(129,154)	\$	23,992
Sarnings (loss) per share:								
Basic	\$	(0.19)	\$	0.02	ŝ	0.00	\$	0.00
Divited	\$	(0.19)	Š	0.02	ŝ	0.00	ŝ	0.00



## BRUKER AXS INC.

# CONSOLIDATED/COMBINED STATEMENTS OF SHAREHOLDERS' EQUITY AND COMPREHENSIVE INCOME

		mmon Stock XS Bruker AXS		Additional		Accumulated	Total
	Gmbl Share	i Inc.	Amount	Paid-In Capital	Accumulated Deficit	Comprehensive (Loss) Income	e Shareholders'
Balance at October 1, 1998 Issuance of common stock	1 -	1,252,500 37,500,000	\$ 125,807 375,000	\$ 2,073,528 1,125,000	\$ (822,430) -	\$ 82,195 \$ -	1,459,100 1,500,000
Reorganization Comprehensive (Loss) Income:	<b>(</b> f)	•••	(113,282)	(55,605)	-	-	(168,887)
Net income Foreign currency	-	_	-	-	23,992	-	23,992
translation adjustments Net comprehensive loss	_	•••	-	_	_	(34,499)	(34,499) (10,507)
Balance at September 30, 1999 Comprehensive (Loss) Income:	-	38,752,500	387,525	3,142,923	(798,438)	47,696	2,779,706
Net loss Foreign currency	-	-	~	-	(129,154)	-	(129,154)
translation adjustments Net comprehensive loss	<u>-</u>				_	(167,418)	(167,418) (296,572)
Balance at December 31, 1999 Stock compensation related to stock options issued	-	38,752,500	387,525	3,142,923	(927,592)	(119,722)	2,483,134
to non-employees  Comprehensive (Loss) Income:	-		-	17,148	_	_	17,148
Net income Foreign currency	-	_	<del>-</del>	-	729,533	-	729,533
translation adjustments Net comprehensive income	-	_	-	<b>-</b>		(229,155)	(229,155) 500,378
Balance at December 31, 2000 Stock compensation related to stock options issued	-	38,752,500	387,525	3,160,071	(198,059)	(348,877)	3,000,660
to non-employees Stock compensation related to	-		_	228,985	-	-	228,985
modification of stock option Preferred stock accretion	-		_	28,572	-	-	28, <i>57</i> 2 (833,129)
Issuance of common stock in initial public offering,	-	_	-	(833,129)	_	_	,633,129)
net of issuance costs issuance of common stock for	-	9,000,000	90,000	52,515,041	-	-	52,605,041
investments in other companies Conversion of redeemable	-	154,761	1,548	998,447	-	-	999,995
preferred stock to common stock	-	6,923,077	69,231	23,037,034	-		23,106,265
Comprehensive (Loss) Income: Natioss	_	-	-	-	(1,376,443)	_	(1,376,443)
Foreign currency translation adjustments Transition adjustment related to	-	-	-	-	-	(147,345)	(147,345)
the adoption of STAS No.133, not of tax benefit of \$14,004 Changes in fair value of financia instrument designated as a	-	-	-	-	-	(20,153)	(20,153)
hadge of interest rate exposure net of tax benefit of \$15,005  Net comprehensive loss	), -	-	-	-		(21,591)	(21,591) (1,565,532)
Balance at December 31, 2001		<i>54</i> ,830,338	\$ 548,304	\$ <i>7</i> 9,135,02	\$ (1,574,502)	\$ (537,966), \$	· · · · · · · · · · · · · · · · · · ·

# BRUKER AXS INC.

# CONSOLIDATED/COMBINED STATEMENTS OF CASH FLOWS

	Year Ended December 31, 2001	Year Ended December 31, 2000	Three Months Ended December 31, 1999	Year Ended September 30, 1999
	Consolidated	Consolidated	Consolidated	Combined
Cash flows from operating activities:				
Net (loss) income	\$ (1,376,443)	\$ 729,533	\$ (129,154)	\$ 23,992
Adjustments to reconcile net (!oss) income to cash flows from operating activities:				
Depreciation and amortization	2,881,328	1,726,145	431,839	1,057,636
Deferred income taxes	(1,735,475)	240,603	161,049	(286,779)
Provision for doubtful accounts	(91,583)	146,336	-	<i>77,4</i> 31
Stock compensation	257,557	1 <i>7</i> ,148	_	_
Write off of acquired in-process research and development	3,590,000	_	-	_
Changes in operating assets and liabilities: Restricted cash	(100.074)	1 257 042	11 257 0421	
Resincrea cash Accounts receivable	(108,074)	1,257,043	(1,257,043) 2,637,989	- 861,525
Inventories	(5,314,689) (4,389,605)	(3,571,121) (1,268,019)	(2,407,806)	(1,344,485)
Other assets and prepaid expenses	(1,809,161)	(1,208,019)	(162,657)	(336,772)
Accounts payable	1,955,182	(2,230,045)	179,565	1,032,697
Account payable Accrued pension	505,339	253,385	89,270	(236,815)
Other current liabilities	3,509,458	4,122,316	1,959,502	(1,049,314)
Net cash (used in) provided by operating activities	(2,126,166)	1,244,308	1,502,554	(200,884)
				,,
Cash flows from investing activities:				/1 / 0 007)
Cash paid to affiliate for reorganization	/0.400.00.41	-	- (1.010.700)	(168,887)
Purchase of property and equipment	(2,433,924)	(2,003,268)	(1,913,728)	(3,105,873)
Investment in other companies  Acquisition of Nonius Group, net of cash acquired	(1,000,000)	_	_	
	(6,235,547)	(0.002.07.0)	/1.012.720)	12.07 ( 740)
Net cash used in investing activities	(9,669,471)	(2,003,268)	(1,913,728)	(3,274,760)
Cash flows from financing activities:				
(Repayment of)/proceeds from line of credit	(5,108,261)	633,678	(309,561)	(355,336)
Repayment of related party debt	(9,022,019)	(451,815)	(66,062)	(1,387,617)
Issuance of related party debt	179,720	1,408,900	-	2,250,000
Repayment of long-term debt	(2,746,937)	-	-	2 200 000
issuance of long-term debt	E0 405 041	_	-	2,200,000
Proceeds from issuance of common stock, net of issuance costs  Proceeds from issuance of preferred stock, net of issuance costs	52,605,041 22,273,136	-		1,500,000 -
Net cash provided by (used in) financing activities	58,180,680	1,590,763	(375,623)	4,207,047
Effect of exchange rate changes on cash	(58,474)	(212,989)	(136,550)	(34,503)
Net increase (decrease) in cash and cash equivalents	46,326,569	618,814	(923,347)	696,900
Cash and cash equivalents at beginning of year	2,460,457	1,841,643	2,764,990	2,068,090
Cash and cash equivalents at end of year	\$48,787,026	\$ 2,460,457	\$ 1,841,643	\$ 2,764,990
·				
Supplemental disclosure of cash flow information:	¢ 700 505	ŵ 750.040	¢ 204277	6 500.774
Cash paid for interest  Cash paid for taxes	\$ 790,505 481,025	\$ 750,248	\$ 204,277	\$ 582,744 139,659
Cush paid for laxes	481,025	236,753	_	137,039
Noncash investing and financing activities:				
Issuance of common stock for investments in other companies	999,995	_	_	-
Conversion of preferred stock to common stock	23,106,265	-	_	
Convertible preferred stock accretion	833,129		_	_

The accompanying notes are an integral part of these financial statements.



# Description of Business and Basis of Presentation

Bruke: AKS inc. (the "Company") designs, manufactures, distributes and services systems and complete solutions in X-ray instrumentation used in non-destructive molecular and elemental analysis in academic, research and industrial argalizations.

Prior to September 1997, the Company did not engage in any significant business operations, in October 1997, Bruker BioSpin Corporation, formerly Bruker Instruments, inc, of Billerica, Massachusetts (USA) and Bruker Physik, of Kantsruhe (Germany), both affiliates of the Company, purchased the analytical X-ray business of Siemens AG. Bruker BioSpin Corporation purchased the assets and assumed net liabilities of Siemens' U.S. business for \$3.9 million, which then became Bruker AKS Inc. Bruker Physik purchased the stock of Siemens' German business for \$7.2 million, which then became Bruker AKS GmbH. The acquisition was accounted for as a purchase of which the fair value of the net tangible and identifiable intangible assets acquired approximated the purchase price of both acquisitions. These acquisitions were financed by third party loans.

Prior to June of 1999, the financial statements reflect the combined accounts of Bruker AKS inc., a wholly-owned subsidiary of Bruker BioSpin Corporation and Bruker AKS Gmbhi, a wholly-owned subsidiary of Bruker Physik AG.

Effective June 8, 1999 all of the shares of Bruker AMS inc. were transferred from Bruker BioSpin Corporation to the five share-holders of Bruker AMS inc. who were members of the controlling family of all of the Bruker companies. Effective June 23, 1999, Bruker AMS inc. acquired all of the shares of Bruker AMS Gmbhi from Bruker Physik AG for \$168,887. Bruker Physik AG and Bruker BioSpin Corporation are considered commonly controlled entities. Therefore, the transactions represented an exchange between entities under common control and, accordingly, the assets acquired and liabilities assumed in both transactions have been accounted for at historical cost in a manner similar to a popular of-interests. Subsequent to these transactions, the financial statements induce the consolidated accounts of Bruker AMS inc. and its wholly owned subsidiaries. All significant intercompany transactions and balances have been eliminated.

In December 2001, the Company completed an initial public offering (Note 17).

The Company changed its year-end from a fiscal year ending on September 30 to a calendar year ending on December 31, effective for the three months ended December 31, 1999.

# 2 Summary of Significant Accounting Policies

#### USE OF ESTIMATES

The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect the reported amounts of assets and itabilities and disclosure of confingent assets and itabilities at the date of the financial statements and reported amounts of revenues and expenses during the reporting period. Actual results could differ from such estimates.

## REVENUE RECOGNITION

Revenue is recognized from system scles when a product is accepted by the customer, except when sold through a non-consolidated Bruker affiliate that assumes responsibility for installation, in which case the system sale is recognized upon shipment. Revenue from accessories and partis is recognized upon shipment, and revenue from services is recognized upon shipment, and revenue from services is recognized when performed. The Securities and Exchange Commission ("SEC") stall issued Stalf Accounting Sulletin ("SAB") 101, "Revenue Recognition," which became effective during the fourth quarter of fiscal 2000 for the Company. There was no material effect on the financial statements as the Company's revenue recognition policy compiled with the provisions of SAB 101.

Revenue from software package sains represents less than 2% of fold, revenue and is recognized in accordance with the American institute of Certified Public Accountants Statement of Position ("SOP") 97-2, "Software Revenue Recognition."

## SHIPPING AND HANDLING FEES AND COSTS

During the fourth quarter of fiscal 2000, the Company adopted the provisions of the Emerging Issues Task Force ("ENF") issue No. 00-10 "Accounting for Shipping and Handling Fees and Costs." In accordance with the provisions of ENF 00-10, shipping and handling fees are to be reflected in net sales and shipping and handling costs are to be reflected in acts of goods sold. The adoption of this statement did not have a material effect on the financial statements.

## CASH AND CASH EQUIVALENTS

The Company considers all highly liquid investments with original maturities of 90 days or less to be cash oculvalents. Cash and cash equivalents primarily include cash on hand, money market funds, municipal notes and time deposits. Time deposits represent amounts on deposit in banks and temporarily invested in instruments with maturities of 90 days or less at time of purchase. Certain of these investments represent off-share deposits which are not insured by the FDIC or any other United States government agency. Cash and cash equivalents are corried at cost, which approximates fair market value.

## RESTRICTED CASH

Certain customers require the Company to provide a bank guarantee on customer advances. Generally, the lines of credit facilitate this requirement, however, to the extent the required guarantee exceeds the local line of credit availability, the Company maintains current restricted cash balances.

The Company is also required to maintain a restricted cash balance, which has been classified as noncurrent, as a guarantee for the lessor of the building located in Delit, The Netherlands throughout the lease term.

#### ENVENTORIES

Inventories are valued at standard costs which approximate the lower of cost, determined on a first-in, first-out pasis, or market.

Inventories include demonstration equipment which the Company provides to current and potential customers and is considered available for sale. As of December 31, 2001 and 2000, demonstration equipment in inventory was \$2,591,291 and \$1,824,147, respectively. The Company amortizes its demonstration equipment over a three year period. Amortization expense for demonstration equipment was \$1,463,123, \$783,013, \$218,051 and \$309,091 for the years ended December 31, 2001 and 2000, for the three month period ended December 31, 1999 and for the year ended September 30, 1999, respectively.

Inventories also include engineering inventory used in preproduction prototype units for which an alternative future use is available. As of December 31, 2001 and 2000, engineering inventory was \$404,461 and \$294,952, respectively. The Company amortizes its engineering inventory over a three year period. Amortization expense for engineering inventory was \$217,708, \$143,919, \$35,128 and \$181,802 for the years ended December 31, 2001 and 2000, for the three month period ended December 31, 1999 and for the year ended September 1999, respectively. Engineering inventory used in research and development activities or for which no alternative future use is available is expensed as incurred.

## PROPERTY AND EQUIPMENT

Property and equipment are stated at cost less accumulated depreciation and amortization. Depreciation and amortization are calculated on a straight-line basis over the estimated useful lives of the assets as follows:

3viiding	39 years
Machinery and equipment	
Computer equipment	
Furniture and fixtures	
Leasehold improvements	
	or the remaining lease term

Expenditures which substantially extend the useful lives of assets are acpitalized. Expenditures for maintenance and repairs are charged against income as incurred. Gains and losses recognized on disposals are included in other expense (income) in the Consolidated/Combined Statements of Operations. Depreciation and amortization expense was \$1,076,618, \$799,213, \$176,566 and \$561,130 for the years ended December 31, 2001 and 2000, for the three month period ended December 31, 1999 and for the year ended September 30, 1999, respectively.

#### INTANGIBLES AND GOODWILL

Trademarks and tradenames and goodwill are amortized using the straight-line basis over 20 years. Accumulated amortization of trademarks and tradenames was \$9,750 and \$0 at December 31, 2001 and 2000, respectively. Accumulated amortization of goodwill was \$1.4,129 and \$0 at December 31, 2001 and 2000, respectively.

## IMPAIRMENT OF LONG-LIVED ASSETS

The Company reviews long-lived assets for impairment, in accordance with Statement of Financial Accounting Standards ("SFAS") No. 121, "Accounting for the Impairment of Long-Lived Assets to Be Disposed Of," whenever events or circumstances indicate that the carrying amount of an asset may not be recoverable. Assets are written-down to fair value when the carrying costs exceed this amount. Any impairment losses are determined based upon estimated future cash flows and fair values. To date, no such indicators of impairment have been identified.

## INVESTMENTS IN OTHER COMPANIES

Investments in other companies consist of two preferred equity security interests. The securities do not have readily determinable fair values and the Company's ownership interest in each of these individual companies is less than 20%. Accordingly, these investments are accounted for under the cost method of accounting. This method requires the Company to periodically evaluate whether a non-temporary decrease in value of the investment has occurred, and if so, to write the investment down to its net realizable value.

#### CUSTOMER ADVANCES

Under the terms and conditions of contracts with certain customers, the Company requires an advance deposit. These deposits are recorded as a liability until revenue is recognized on the specific contract.

#### WARRANTY COSTS AND DEFERRED REVENUE

The Company provides a one year parts and labor warranty with the purchase of equipment. The anticipated cost for this one year warranty is accrued upon recognition of the sale and is included as a current liability. The Company also offers to its customers extended warranty and service

agreements extending beyond the initial year of warranty for a fee. These fees are recorded as deferred revenue and amortized into income over the life of the extended warranty contract.

#### INCOME TAXES

The Company provides for income taxes under the liability method prescribed by STAS No. 109, "Accounting for income Taxes". Under this method, deferred tax assets and liabilities are determined based on the difference between the financial statements and tax basis of assets and itabilities using enacted tax rates in effect for the year in which the difference is expected to reverse. Valuation allowances are established when necessary to reduce deferred tax assets to the amounts expected to be realized.

### COMPREHENSIVE INCOME

Total comprehensive income includes net income, a transition adjustment for the adoption of SFAS No. 133, "Accounting for Derivative instruments and Heaging Activities," changes in fair market value of financial instruments designated as heages and foreign currency translation adjustments.

#### FOREIGN CURRENCY TRANSLATION

Assets and liabilities of foreign subsidiaries are translated into United States dollars at year-end exchange rates. Revenues, costs and expenses of foreign subsidiaries are translated at average exchange rates for each year. The effects of these translation adjustments are reported as a component of accumulated other comprehensive income.

#### **ADVERTISING**

The Company expenses advertising costs as incurred. Advertising expenses were \$901,106, \$387,201, \$77,473 and \$570,154 for the years ended December 31, 2001 and 2000, for the three month period ended December 31, 1999 and for the year ended September 30, 1999, respectively.

### RESEARCH AND DEVELOPMENT

Research and development costs are expensed as incurred. The Company recognized expense of \$900,000 during the year ended September 30, 1999 related to a contract for research and development activities.

## SOFTWARE DEVELOPMENT COSTS

The Company has developed proprietary software that is a component of its products. It is the Company's policy to charge all software development costs to research and development expense until the establishment of technological feasibility of a particular application, which the Company defines as completion of a working model of one of its products. Upon such establishment of technological feasibility, all further software development costs on the same application would be capitalized. Software development costs eligible for capitalization have been insignificant and therefore have been charged to research and development expense as incurred.

#### FINANCIAL INSTRUMENTS

The Company has from time to time engaged in derivative instruments (See Note 12). Certain derivative instruments are not effective heages and are therefore considered speculative and are marked-to-market. The appreciation of such instruments is included in other expense (income) in the Consolidated/Combined Statements of Operations.

## ACCOUNTING PRONOUNCEMENTS

In June 2001, the Financial Accounting Standards Board (FAS3), issued SFAS No. 141, "Business Combinations" and SFAS No. 142, "Goodwill and Other Intangible Assets." The statements eliminate the pooling-of-interests method of accounting for business combinations and require that goodwill and intangible assets with indefinite useful lives not be amortized. Instead, in accordance with the provisions of SFAS No. 142, these assets will be reviewed for impairment annually, or on on interim basis when events or changes in circumstances warrant. The impairment test shall consist of a comparison of the fair value of goodwill or an intanglole asset with its corrying amount with any related impairment losses recognized in earnings when incurred. SFAS No. 142 also requires inlangible assets with finite useful lives be amortized over their estimated useful lives to their estimated residual values, and reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of the asset may not be recoverable, in accordance with SFAS No. 127, "Accounting for the impairment of long-lived Assets and for long-lived Assets to Se Disposed or." The statements will be effective January 1, 2002 for existing goodwill and intangible assets and July 1, 200? for business combinations completed after June 30, 2001. The adoption of these statements is expected to reduce annual goodwill and trademark and tradename amortization excense related to the acquisition of Nonius Group (Note 9) by approximately \$165,000.

In June 2001, the FAS3 issued SFAS No. 143, "Accounting for Asset Retirement Obligations." SFAS No. 143 requires entities to record the fair value of a liability for an asset retirement obligation in the period in which it is incurred. When the liability is initially recorded, the entity capitalizes a cost by increasing the carrying amount of the related long-lived asset. Over time, the liability is accretical to its present value each period, and the capitalized cost is depreciated over the useful life of the related asset. Upon settlement of the liability, an entity either settles the obligation for its recorded amount or incurs a gain or loss upon settlement. The standard is effective for fiscal years beginning after June 15, 2002. The Company is evaluating the impact of SFAS No. 143 on its results of operations and financial position.

In August 2001, the FAS3 issued SFAS No. 144,
"Accounting for the impairment or Disposal of Long-Lived
Assets." SFAS No. 144 addresses financial accounting and
reporting for the impairment or disposal of long-lived assets.

The accounting model for long-lived assets to be disposed of by sale coplies to all long-lived assets, including discontinued operations, SFAS No. 144 requires that those long-lived assets be measured at the lower of carrying amount or fair value less cost to sell, whether reported in continuing operations or in discontinued operations. Therefore, discontinued operations will no longer be measured at net realizable value or include amounts for operating losses that have not yet occurred. SFAS No. 144 also broadens the reporting of discontinued operations to include all components of an entity with operations that can be distinguished from the rest of the entity and that will be eliminated from the ongoing operations of the entity in a disposal transaction. The provisions of this Statement are effective for financial statements issued for fiscal years beginning after December 15, 2001, and interim periods within those fiscal years, with early application encouraged. The Company is evaluating the impact of SFAS No. 144 on its results of operations and financial position.

## RECLASSIFICATIONS

Certain reclassifications have been made to the financial statements of the prior periods to conform to the current year presentation.

# 3 Accounts Receivable

Accounts receivable were comprised as follows:

Year Ended December 31,	2001	2000
Accounts receivable	\$17,660,003	\$12,617,449
Less allowance for doubtful		
accounts	(453,220)	(610,388)
Accounts receivable, net	\$17,206,783	\$12,007,061

# 4 Inventories

Inventories were comprised of the following:

Year Ended December 31,	2001	2000
Raw materials	\$ 9,783,562	\$ 7,091,292
Work-in-process	6,262,864	5,908,136
Finished goods	7,483,259	4,314,839
Service parts	3,239,277	2,827,008
Total inventories	\$26,768,962	\$20,141,275

# 5 Property and Equipment

Property and equipment were comprised of the following:

Year Ended December 31,	2001	2000
Land	\$ 980,090	\$ 980,090
Building and leasehold		
improvements	3,030,409	3,012, <b>87</b> 4
Machinery and equipment	2,994,595	2,099,120
Computer equipment	2,275,284	1,872,170
Furniture and fixtures	2,753,541	1,728,763
	12,033,919	9,693,017
Less accumulated depreciation		
and amortization	(3,883,009)	(2,977,256)
Property and equipment, net	\$8,150,910	\$ 6,715,761

# 6 Other Current Liabilities

Other current liabilities were comprised of the following:

Year Ended December 31,	2001	2000
Customer advances	\$ 9,101,764	\$ 4,808,452
Accrued compensation	4,234,599	3,070,341
Accrued warranty	2,440,409	1,877,618
Deferred revenue	2,938,470	2,563,597
Oiher	2,280,296	1,627,910
Total other current liabilities	\$20,995,538	\$13,947,918

# 7 Other Expense (Income)

Other expense (income) was comprised of the following:

	Year Ended December 31, 2001	Year Ended December 31, 2000	Three Months Ended December 31, 1999	Year Ended September 30, 1999
Exchange losses (gains) on foreign currency transactions	\$150,289	\$ (205,136)	\$ (48,764)	\$ (188,914)
Depreciation (appreciation) of the fair value of financial instruments	163,450	146,969	(18,236)	(141,900)
Total other expense (income)	\$313,739	\$ (58,167)	\$ (67,000)	\$ (330,814)



# 8 Accumulated Other Comprehensive Loss

Accumulated other comprehensive loss was comprised of the following:

Year Ended December 31,	2001	2000
Foreign currency translation adjustme	nis \$ (496,222)	\$(348,877)
Transition adjustment relating to the		
adopiton of SFAS No. 133,		
net of taxes	(20,153)	-
Changes in fair market value of		
financial instrument designated		
as c'heoge of interest rate		
exposure, net of taxes	(21,591)	
Total accumulated other		
comprehensive loss	\$ (537,966)	\$(348,877)

# 9 Acquisition

On April 10, 2001, the Company completes the acquisition of Nonius Group ("Nonius") in a transaction whereby the Company acquired the Nonius 3.V. subsidiery, and four offiliates, of Delft Instruments N.V., a Dutch company. Nonius is a developer and manufacturer of single arystal X-ray diffraction equipment. The Company paid cash of approximately \$6.2 million, not of cash acquired, plus the assumption of approximately \$1.8 million of debt plus additional liabilities of \$4.3 million. The acquisition has been accounted for as a purchase in the second quarter of fiscal 2001, and accordingly, the results of abstations of Nontus for the period subsequent to the consummation of the acquisition through December 31, 200% are included in the accompanying financial statements. The excess of the purchase price over the fair value of the assets acquired of \$3.2 million has been recorded as goodwill, which is being amortized on a straight-line basis over 20 years.

In conjunction with the acquisition of Nonius, the Company acquired certain in-process research and development ("IRED") projects. The first project relates to next generation tigh additional options and micro sources. This project is focused on the development of low-power flow energy consumption). X-ray tubes with closely-coupled X-ray optics, which are directed at increasing the performance of expensive and high-matintenance rotating amone generators. The primary goal of this project is to develop the right combination of currently existing technologies in X-ray tube and X-ray optics. At the case of acquisition, this project was approximately 70% complete. The Company estimated this project would be completed in 2002 and require an additional investment of \$291,000. The Company believed this project had a value of approximately \$1,257,000.

The second project relates to high power high brilliance rotating anote generators for biological crystallography. This project is focused on increasing the performance of anote generators by a factor of two to enable biochemists to solve structures of biological molecules without using expensive synchrotron beam lines, improved electronics, electron optics and heat dissipation and higher speed rotation are the key

objectives for this project. At the date of acquisition, this project was approximately 50% complete. The Company estimates this project would be completed in 2002 and require an additional investment of \$1.54,000. The Company believed this project had a value of approximately \$1,077,000.

The third project relates to high sensitivity large area detector systems. The goal of this project is to enlarge the size of CCD-based detectors while improving their sensitivity. The research and development work is focused on improving CCD chips and X-ray converting phosphors and increasing the effectiveness of magnifying systems such as fiber to person lenses. At the date of acquisition, this project was approximately 70% complete. The Company estimated this project would be completed in 2002 and require an additional investment of \$1.54,000. The Company believed this project to a contract of a poproximately \$539,000.

The fourth project relates to a next generation software platform for data acquisition and processing. The goal of the project is to develop new and modern software architecture to allow easy customization and performance improvements (mainly algorithms) of the data collection and structure solution software. Our final goal will be to provide a furnisely, push button crystallography tool for the non-crystallographers. At the date of acquisition, this project was approximately 70% complete. The Company estimated this project would be completed in 2002 and require an additional investment of \$77,000. The Company believed this project had a value of approximately \$718,000.

There is minimal risk to the Company that these projects will not be completed in the timeframes noted above, as the most complex aspects of the projects had already been completed. Since each project will result in technologies that can be individually integrated into our system platforms, the Company will have great textibility in bringing each projects technology to the market.

Although the Company isslieves these IRSD projects, when completed, will provide value, the Company determined fnere was an absence of Jeannological feasibility and alternative future use for this 12880 at the time of acquisition. As such, the Company utilized a discounted probable future cash flows analysis to prepare a valuation of the fair value of IRR&D at the time of acquisition. The Company performed this cosh flow analysis on a project by project basis and applied adjusted discount rates of 40%-45% to the projects' cash flow. The Company used financial assumptions based on pricing, margins and expense levels from those historically realized by Nonius and consistent with inclusing standards. Material net cash inflows from these projects are expected to bagin in 2003. Management was primarily responsible for estimating the fair value of the purchased in-process research and development. This valuation resulted in an estimate of the fair value of \$3,590,000 (\$2,118,100, net of tax), which was charged to research and development expense immediately following the close of the transaction in the second quarter of 200%.

The following uncudited proforma income statement information assumes that the acquisition had taken place as of the beginning of each of the periods presented, in accordance with Accounting Principle Bulletin 16, "Business Combinations."

Year Ended December 31,		2001		2000
Net scles	\$84	,583,043	\$77	916,564
Net foss	\$ (1,	668,575)	\$ (1,	.435,142)
Basic sarnings (loss) per share	\$	(0.19)	\$	(0.04)
Diluted earnings (loss) per share	\$	(0.79)	\$	(0.04)

The unaudited proforma combined income statement information has been prepared for informational purposes only and may not be indicative of the operating results that actually would have resulted had the acquisition been made at the beginning of the periods presented, or of the operating results that may occur subsequent to the acquisition.

The Nonius operations are located in Delft, The Netherlands. Nonius rents space from Delft Instruments. As part of the purchase agreement with Delft Instruments, Nonius entered into rental and service agreements for 20 months. The services provided by Delft Instruments include facility maintenance, telephone and systems networks, payroll and other handling. The Company entered into a lease agreement for a new facility in Delft, The Netherlands to replace the rental agreement with Delft Instruments. The Company's current operations in Delft will be transferred to this new facility in May 2002. As of December 31, 2001, the rental and service fee recognized since the acquisition was \$269,753.

# 10 Leases

Certain vehicles, office equipment and buildings are leased under agreements that are accounted for as operating leases. Total rental expense under operating leases was \$1,542,952, \$1,085,894, \$387,975 and \$1,443,951 for the years ended December 31, 2001 and 2000, for the three month period ended December 31, 1999 and for the year ended September 30, 1999, respectively.

Future minimum lease payments under non-cancelable operating leases at December 31, 2001 were as follows:

2002	1,258,807
2003	
2004	
2005	
2006	409,943
Total minimum lease payments	3,500,853

# 11 Debt

The Company's non-related party debt obligations consisted of the following:

Year Ended December 31,	2001	2000
Landeskrediibank Baden Wuriiemberg Forderungsansiali (LAKRA) note payable	\$ -	\$2,854,543
State of Wisconsin industrial revenue bonds	2,200,000	2,200,000
Long-term non-related party debt	\$2,200,000	\$5,054,543

The note payable to Landeskredifbank Baden Wurttemberg Forgerungsanstalt (LAKRA) in connection with Deutsche Bank AG and Dresdner Bank AG was paid in full in December 2001 with proceeds from the initial public offering. The interest rate was 5.13% and required quarterly payments until paid in full.

The industrial revenue bonds ("IRB") were entered into with the State of Wisconsin in 1999 and are collateralized by the related building in Madison, Wisconsin. The bonds require payments of varying amounts commencing in 2004. The interest rate is variable based on the Bond Market Association Municipal Swap Index (1.95% at December 31, 2001) and is paid monthly. The Company has an interest rate swap which has been designated as a hedge. The Company pays a 4.6% fixed rate of interest and receives a variable rate of interest based on the 3 and Market Association Municipal Swap Index. The contract has a \$2.2 million notional value which decreases in conjunction with the IR3 payment schedule until the swap and IR3 agreements terminate in December 2013. The fair value of the swap, obtained from dealer quotes, is an unrealized loss of \$70,753 and \$34,157 at December 31, 2001 and 2000, respectively. Interest payments (receivable and payable) under the terms of the swap are accrued over the period and are treated as an adjustment to interest expense.

Annual maturities of long-term non-related party debt are as follows:

2002	<del>-</del>
2003	
2004	
2005	180,000
2006	190,000
Thereafter	1,660,000
	\$ 2,200,000

The IR3 contains various financial and other covenants. The most restrictive covenants are a maximum debt to equily ratio and a maximum interest coverage ratio. As of December 31, 2001, the Company was in violation with certain covenants and, accordingly, the Company obtained a waiver from the financial institution. The financial covenants have been waived through March 31, 2002 and the Company is in negotiations to obtain an amendment with modified covenants.



The Company maintained a line of credit at a financial institution in the United States with a maximum credit amount of \$3.5 million at December 31, 2000. At December 31, 2000, the Company had porrowings under this facility of approximately \$2.8 million and unused borrowings of approximately \$0.7 million, interest was paid monthly on outstanding porrowings based on the prime rate which was 9.50% at December 31, 2000. The weighted average interest rate on amounts outstanding at December 31, 2000 was 9.29%. The line of credit expired on May 17, 2001.

The Company maintains lines of credit at financial institutions in Germany with an aggregate maximum credit amount of approximately \$7.2 million and \$3.9 million at December 31, 2001 and 2000, respectively. At December 31, 2001 and 2000, the Company had borrowings of approximately \$0 and \$0.2 million, respectively, and availability of approximately \$5.0 million and \$3.7 million, respectively. At December 31, 2001, the Company had bank guarantees of \$2.2 million for its customer advances. These guarantees affect the availability of its lines of credit. Interest is paid monthly on outstanding porrowings based on the London Interbank Offered Rate for three month deposits (LI3OR) plus 1% which was 7.40% at December 31, 2000. The weighted average interest rate on amounts outstanding at December 31, 2000 was 7.25%. The lines of credit have no expiration date.

The lines of credit are collateralized by accounts receivable, inventories and equipment of the Company. Additionally, the agreements contain various financial and other covenants. The most restrictive acceptants are a maximum dept to equity ratio and a maximum interest coverage ratio.

At December 31, 2001, the Company had a short-term loan with a financial institution for \$241,957. The loan had an interest rate of 4.28% and was paid in full in February 2002.

# 12 Financial Instruments

# CASH AND CASH EQUIVALENTS

The fair values of cash and cash equivalents approximate their carrying values.

## SHORTTERM AND LONG-TERM DEST

The fair values of short/erm debt approximate their carrying values. The fair value of long-term and related party debt, which was approximately \$2,200,000 and \$13,828,000 at December 31, 2001 and 2000, respectively, was determined using market interest rates and discounted future cash flows.

DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES Effective lanuary 1, 2001, the Company adopted STAS No. 183, "Accounting for Derivative instruments and Heaging Activities," as amended and interpreted. STAS No. 183 requires that all derivative instruments, such as interest rate swap contracts, be recognized in the financial statements and measured at their fair market value. Changes in the fair market value of period in current earnings or shareholders' equity (as a component of other comprehensive income), depending on whether a

derivative is designated as a part of a heage transaction and, if it is, the type of heage transaction. The adoption of SFAS No. 133 dia not have a material impact on the Company's financial statements.

The Company's objective in managing its exposure to interest rates is to decrease the volatility that changes in interest rates might have an earnings and cash flows. To achieve this objective, the Company uses a fixed rate agreement to adjust a portion of its debt, as determined by management, that is subject to variable interest rates. The Company designates this instrument as a cash flow hedge.

At January 1, 2001, the Company had an interest rate swap arrangement to pay a 4.6% fixed rate of interest and receive a variable rate of interest based on the Bond Market Association Municipal Swap Index (ranging from 1.37% to 4.27% for the year ending December 31, 2001) on a \$2.2 million notional amount.

This contract is considered to be a heage against changes in the amount of future cash flows associated with the Company's interest payments related to its variable rate debt obligations.

Accordingly, the fixed rate agreement is reflected at fair value in the Company's balance sheet and related gains or losses on this contract are deferred in shareholders' equity as a component of comprehensive income. Mowever, to the extent that this contract is ineffective in offsetting the change in interest cash flows being hedged, the ineffective portion would be immediately recognized in earnings. The amount recognized in earnings within the next twelve months is not expected to be significant. The fair value of the instrument was (\$41,744) and (\$20,153), not of tax at December 31, 2001 and December 31, 2000, respectively. The fair values were obtained from dealer quotes, in accordance with SFAS No. 133, the Company recorded a transition adjustment which resulted in an unrealized accumulated comprehensive loss of \$20,153, not of tax, as of january 1, 2001.

The Company entered into three financial instruments during the fiscal year ending September 30, 1999, an interest rate cap, an interest rate swap and a cross currency interest rate swap, which are currently not designated as hedges. In addition, the Company acquired a financial instrument, which terminated in the fourth quarter of 2001, with its acquisition of Nonius. The notional amount of the instruments were approximately \$7,277,000 and \$7,620,000 at December 31, 2001 and 2000, respectively. Until the instruments become an effective hedge, the instruments are considered speculative and are marked-to-market. The fair value of the instruments (depreciated) appreciated (\$1.63,450), (\$146,969), \$13,236 and \$141,900 for the years ended December 31, 2001 and 2000, for the three month period ended December 31, 1999 and for the year ended September 30, 1999, respectively. The fair value of the instruments was \$685 and \$68,779 as of December 31, 2001 and 2000, respectively. By entering into these speculative contracts the Company obtained the right to borrow money at low rates of interest. The Company continues to hold these speculative contracts until it elects to exercise the options to borrow the money.

# 13 Income Taxes

Significant components of the provision for income taxes were as follows:

	Year Endec December 3 2001		Three Months Ended December 31, 1999	Year Ended September 30, 1999
Current:				
Fede:al	\$ 11,99	7 \$112,698	\$ <i>75,4</i> 39	\$ (11,800)
State	27,31	5 9,656	6,686	(10,576)
Foreign	726,670	152,790	(51,787)	6,989
	765,98	3 275,144	30,338	(15,387)
Deferred:				
Federal	(1,649,15)	7) 13,984	(101,901)	(41,623)
State	(203,52	5) (23,944)	(16,135)	(15,734)
Foreign	117,20	7 250,563	279,085	(229,422)
	(1,735,47	5) 240,603	161,049	(286,779)
Income tax (benefit) expense	\$ (969,49)	2) \$515,747	\$ 191,387	\$ (302,166)

Temporary differences and carryforwards which gave rise to deferred tax assets and liabilities consisted of the following:

Year Ended December 31,	2001	2000
Current deferred income taxes:		
Accounts receivable	\$ 23,191	\$ 75,116
Inventories	573,409	103,425
Warranty reserve	276,597	190,000
Other current liabilities	(217,846)	-
Compensation	186,701	21,240
Other	(71,419)	(11,169)
Revenue recognition	115,732	_
Total current deferred income tax asset	886,365	318,612
Long - term deferred income taxes:		
Property and equipment	(201,095)	(127, 217)
Intangible assets	1,236,642	_
Accrued pension	267,943	256,346
Other	-	32,882
Tax credits	610,503	203,581
Net operating loss carryforwards	104,321	
Total long - term deferred income tax asset	2,018,314	365,592
Total deferred income tax asset	\$ 2,904,679	\$ 684,204

The net deferred tax asset represents management's best estimate of the tax benefits that will more likely than not be realized in future years.

A reconciliation between the reported income tax (benefit) expense and the federal statutory rate follows:

			Three Months	
	Year Ended December 31, 2001	Year Ended December 31, 2000	Ended December 31, 1999	Year Ended September 30, 1999
Federal statutory rate	\$ (797,620)	\$409,635	\$ 21,782	\$ (97,361)
State income taxes, net of federal benefits	(221,302)	2,970	2,96 <i>7</i>	(10,300)
Foreign tax expense, at different rates and foreign losses without tax benefits	112,651	191,110	203,609	(43,189)
Research and development tax credits	(110,000)	(132,300)	(83,271)	(194,913)
Meals and entertainment	96,316	40,629	13,387	39,616
Other	(49,537)	3,703	32,913	3,987
	\$ (969,492)	\$515,747	\$191,387	\$ (302,166)

There was a statutory rate reduction in Germany which was enacted in October 2000. As a result, the Company reduced its deferred taxes in the fourth quarter of 2000 by \$71,303.

As a result of a German regulatory audit the Company reduced its deferred tax asset by \$122,375 related to its net operating loss carryforwards for the three month period ended December 31, 1999.

Consolidated domestic pre-tax (loss) income was (\$303,304), \$567,371, (\$92,993) and \$277,189 for the years ended December 31, 2001 and 2000, for the three month period December 31, 1999 and for the year ended September 30, 1999, respectively. The pre-tax (loss) income for foreign operations was (\$2,042,631), \$677,909, \$155,226 and (\$555,363) for the years ended December 31, 2001 and 2000, for the three month period ended December 31, 1999 and for the year ended September 30, 1999, respectively.

As of December 31, 2001, the Company had approximately \$401,000 of research and development tax credits available to reduce future federal and state tax liabilities. These credits expire at various dates through the year 2021. The Company also has approximately \$81,000 of federal operating less carryforwards and \$75,000 of state operating less carryforwards and \$75,000 of state operating less carryforwards available to reduce future taxable income. These carryforwards expire at various dates through the year 2021. Furthermore, the Company has foreign tax credit carryforwards of approximately \$210,000. These carryforwards expire at various cases through the year 2006.

Undistributed losses of foreign subsidiaries aggregated approximately \$2.1 million at December 31, 2001 which, under existing law, will not be subject to United States tax until distributed as dividends. Any earnings are intended to be indefinitely reinvested in foreign operations and, as such, no provision or benefit has been made for United States income taxes that may be applicable thereto.

## 14 Related Parties

The Company is affiliated, through common shareholders, with several other entities which use the Bruker name. The Company and its affiliates have entered into a sharing agreement which provides for the sharing of specified intellectual property rights, services, facilities and other related items.

Related party cleat consisted of the following:

2001	2000
\$ -	\$ 5,035,756
_	4,142,417
229,180	408,900
229,180	9,587,073
(229,180)	{1 <i>,794,74</i> 3}
\$ -	\$ 7,792,330
	\$ - - 229,180

All long-term related party debt was paid in full in December 2001 with processes from the Company's initial public offering.

Loans outstanding with Bruker BioSpin Corporation ("BBC") had required quarterly interest payments asginning January 1, 2000 of a rate equal to the three month LBOR rate (6.4% at December 31, 2000). Principal payments of \$107,994 were also required quarterly. The loan was to mature in 2010. As of December 31, 2000, the Company had not made principal payments to BBC of \$715,988. The amounts due in fiscal 2000 and not racia as of December 31, 2000, were paid in full during the first quarter of fiscal 2001.

Loans outstanding with Bruker Physik AG required quarterly interest payments at a rate of 2.25% inrough June 30, 2002. After June 30, 2002, the interest rate on the loan was to increase to 4.5%. Principal payments of \$59,470 were also required quarterly. The loan was to mature in 2017.

The loans were subordinate to any bank debt.

The Company has a line of credit with Bruker BioSpin KK with a maximum credit amount of \$229, 180 and \$408,900 at December 31, 2001 and 2000, respectively. The line of credit has an interest rate of 1.75% and expires on August 31, 2002.

For the years ended December 31, 2001 and 2000, for the three month period ended December 31, 1999 and for the year ended September 30, 1999, the Company had related party interest expense of \$258,580, \$404,648, \$67,310 and \$333,639, respectively.

As of December 31, 2001 and 2000, the Company has payables to related parties included within its accounts payable balance of \$16,920 and \$505,998, respectively. The Company has receivables from related parties included within its accounts receivable balance of \$2,531,865 and \$3,900,273, as of December 31, 2001, and 2000, respectively. Payment terms of accounts receivable balances with related parties are the same as those with third party austomers.

Sales to related parties which are not substituties of Bruker AXS inc. are included in the consolidated/combined financial statements. Such related parties are difficulted sales offices in countries in which the Company does not have its own distribution network. As such, these sales were primarily for resale of our products only. These sales amounted to \$5,187,786, \$14,946,976, \$2,471,753 and \$7,667,823 for the years ended December 31, 2001 and 2000, for the three month period ended December 31, 1999 and for the year ended September 30, 1999, respectively.

33C charged Bruker AXS Inc. a management fee of \$20,000 for the year ended September 30, 1999.

# 15 Employee Benefit Plans

Substantially all of the Bruker AKS Grabil employees, who were employed by the Company on September 30, 1997, participate in a defined benefit pension plan. The plan provides pension benefits based upon final average salary and years of service. Benefits to other employees are based on a fixed amount for each year of service. The Company

has elected to recognize the impact on the projected benefit obligation when actual experience differs from actuarial assumptions on an immediate basis. The Company recognized actuarial gains of approximately \$53,000, \$75,000, \$0 and \$332,000 for the years ended December 31, 2001 and 2000, for the three month period ended December 31, 1999 and for the year ended September 30, 1999, respectively.

The following provides a reconciliation of the funded status of the plan:

Year Ended December 31,				2001		2000
Change in banafi obligation			-			
Benefit obligation at beginning of year			\$2,	962,1 <i>7</i> 9	\$2,	915,490
Service cost				386,160		169,925
Interest cost				173,497		164,025
Benefits paid				(2,375)		(3,258)
Recognized actuarial gain				(53,039)		(74,957)
Currency translation adjustment				130,440)		209,046)
Benefit obligation at end of year			\$ 3,	335,982	\$2,	962,179
Year Enc'ed December 31,				2001	_	2000
Chango in plan assats						
Fair value of plan assets at beginning of year			\$	-	\$	-
Employer contributions				2,375		3,253
Benefits paid				(2,375)		(3,258)
Fair value of plan assets at end of year			\$		\$	
Funded status			\$ (3,	335,982)	\${2,	962,179)
Unrecognized amendment gain			1	101,076)	(	108,595)
Accrued benefit cost			\$ (3,	437,058)	\$(3,	070,774)
	Year Ended December 31, 2001	Year Ended December 31, 2000		hree Months Ended ecember 31, 1999		ear Ended tember 30, 1999
Components of not paried bandit cost	2001					
Service cosi	\$386,160	\$ 169,925		\$ <i>47,</i> 985	ŝ	180,712
Interest cost	173,497	164,025		45,518		193,326
Recognized actuarial gain	(53,039)	(74,957)		-		331,899)
Amortization	(2,732)	(2,854)		(3,175)		
Net period benefit cost	\$503,886	\$ 256,139		\$90,328	\$	42,139
	Year Endad December 31, 2001	Year Ended December 31, 2000		hree Months Ended ecember 31, 1999		ear Ended itember 30, 1999
Accumptions						
Discount rate	6.25%	6.25%		6.25%		6.25%
Expected return on assets	0%	C%		0%		C%
Rate of compensation increase	3.00%	3.00%		3.00%		?.5C%

The Company maintains or sponsors various defined contribution retirement plans that cover domestic and foreign employees. The Company may make contributions to these plans at its discretion. Retirement benefits earned are generally based on years of service and compensation during active employment. Eligibility is generally determined in accordance with local statutory requirements. However, the level of benefits and terms of vesting may vary among plans. The Company contributed \$336,827, \$379,615, \$57,085 and \$190,533 for the years ended December 31, 2001 and 2000, for the three month period ended December 31, 1999 and for the year ended September 30, 1999, respectively.



# 16 Redeemable Preferred Stock

On January 16, 2001, the Company authorized and sold 5,625,000 shares of Series A Convertible Preferred Stock, \$0.01 par value per share, at a price of \$4.00 per share. Gross proceeds received totaled \$22,500,000. The Company utilized these proceeds to pay down its related party debt in accordance with its payment schedules and to pay down its third party lines of creati in full. Also, in conjunction with the preferred stock offering, the Company incurred investment fees related to the offering which totaled approximately \$227,000. Such fees were included as a reduction of the preferred stock. The terms of the Series A preferred shares also provide for aumulative cash dividends at an 8% annual rate, to be paid when and as they may be declared from time to time by the Board of Directors of the Corporation.

A beneficial conversion feature existed upon the closing of a qualified public offering ("PO") if the closing price was between \$6.00-\$8.00 per share. With a closing price between \$6.00-\$8.00 per share, the preferred shareholders would receive additional shares of common stack upon the conversion. The additional number of shares was determined by multiplying one by a fraction, the numerator which was equal to eight and the denominator which was equal to the advantage per share at the closing of the IPO. Since this beneficial conversion feature was contingent and the number of shares issued upon conversion could not be computed until the IPO occurred, the beneficial conversion feature was not recognized until the closing of the IPO.

While outstanding, the carrying amount of the Series A preferred shares was being accreted, using the interest method, to the fair market value through January 16, 2009, the earliest redemption date. During 2001, the Company recorded approximately \$833,129 of accretion. The accretion was recorded through charges against additional paid-in capital. The redemption amount of the mandatorily redeemable Series A Convertible Preferred Stock also included accrued dividends but only when dividends were declared by the Company's Board of Directors. Accrued dividends of \$369,862 had been included in the corrying value of the Series A Convertible Preferred Stock for the three months ended March 31, 2001. However, as the Board of Directors had not declared any dividends and had no intention of doing so in the future, the accrual was reversed in the three months ended June 30, 2001. The reversal of the dividencis would have increased basic and diluted earnings per share by \$0.01 for the three months ended March 31, 2001.

Upon closing of the Company's initial public offering (Note 17) in December 2001, all the preferred stock was converted into common stock. As the offerings closing price was \$6.50 per share, a beneficial conversion feature existed. An additional 1,298,077 shares were issued upon the conversion resulting in total conversion shares of 6,923,077. The intrinsic value of the beneficial conversion feature was \$5,192,308 which

was recognized as a reduction to not income available to common shareholders through a reduction to additional paticin capital in December 2001.

# [17] Shareholders' Equity

## STOCK OPTIONS

During April 2000, the 2000 Stock Option Flan was adopted by the Company as approved by the Board of Directors (the "2000 Flan"). The 2000 Flan authorizes the granting of options to employees, consultants, officers and alteriors to purchase, receive awards or make direct purchases of up to 1,937,625 shares of the Company's common stock. Options outstanding under the 2000 Flan generally vest over a partial of three to five years and expire other 10 years from the adia of grantin.

Options granted under the Plan may be "incentive Stock Options" or "Nonqualified Options" under the applicable provisions of the Internal Revenue Code, incentive Stock Options are granted at the fair market value of the Company's common stock at the date of the grant, incentive Stock Options granted to employees who own more than 10% of the voting power of all classes of stock will be granted at 110% of the fair market value of the Company's common stock at the date of the grant. Nonqualified options may be granted at amounts not less than 50% of the fair market value of the Company's common stock on the date of the grant.

Following is a summary of activity in the stock option plan for the years ended December 31, 2001 and 2000:

	Shares Subject to Option	Weighted Average Option Price
Outstanding, January 1, 2000	_	\$ -
Granted	<i>7</i> 39,500	1.92
Exercised		-
Farfeited	(35,500)	(1. <b>7</b> 6)
Outstanding, December 31, 2000	704,000	1.94
Granted	992,500	4.62
Exercised		-
Forfeiled	(23,250)	(2.24)
Outstanding, December 31, 2001	1,673,250	3.52
Exercisable, December 31, 2001	14,790	\$4.50

The Company accounts for stock-based compensation to non-employees using the fair value method prescribed by SFAS No. 123, "Accounting for Stock-Based Compensation," and ETF Issue No. 96-13, "Accounting for Equity Instruments that are issued to Other than Employees for Acquiring, or in Conjunction with Selling, Goods or Services." Accordingly, compensation cost for the stock options granted to non-employees is measured at the fair value of the option of the date of grant and re-measured as the underlying options vest. The Company has recorded compensation cost of \$228,985 and \$17,148 for the years ended December 31, 2001 and 2000, respectively.

	Option	s Outstanding		Option	s Exercisable
Range of Exercise Prices	Number Outstanding	Weighted Average Remaining Contractual Life	Weighted Average Exercise Price	Number Exercisable	Weighted Average Exercise Price
\$1.76	642,250	8.33	\$1. <i>7</i> 6	_	\$ -
4.00 - 5.00	886,000	9.23	4.33	14,790	4.50
6.00 - 7.00	145,000	9.84	6.36	-	_
	1,673,250				

The Company accounts for stock-based compensation to employees, including outside directors, using the intrinsic value method prescribed in Accounting Principles Board Opinion No. 25, "Accounting for Stock Issued to Employees," and related interpretations. The Company has adopted the disclosure only provisions of SFAS No. 123 for stock-based compensation to employees. Accordingly, no compensation cost has been recognized for options granted to employees under the 2000 stock option plan. Had compensation cost been determined based on the fair value at the grant date for all awards in 2000 consistent with the provisions of SFAS No. 123, the Company's pro forma net income and earnings per share would have been as presented below:

Year Ended December 31,		2001		2000
Net (loss) income	\$ (1,	861,728)	\$69	95,118
Basic earnings (loss) per share	\$	(0.20)	\$	0.02
Diluted earnings (loss) per share	\$	(0.20)	\$	0.02

The fair value of each option granted is estimated on the date of grant using the Black-Scholes option-pricing model with the following assumptions:

Year Ended December 31,	2001	2000
Dividend yield	_	_
Expected stock price volatility	65%	15%
Risk-free interest rate	3.06 - 4.98%	5.11%
Expected life of option-years	3.0 - 5.0	3.0 - 5.0

The weighted average grant date fair value of options granted during 2001 and 2000 were \$2.18 and \$0.65, respectively.

On August 6, 2001, the Company accelerated the vesting schedule of stock options to purchase 100,000 shares of common stock. No compensation cost has been recognized for this modification.

On November 7, 2001, the Company accelerated the vesting schedule of a stock option to purchase 50,000 shares of common stock. Compensation cost of \$28,572 was recognized for the year ended December 31, 2001 for this modification since the stock option would have been forfeited otherwise.

### INITIAL PUBLIC OFFERING

On December 14, 2001, the Company issued and sold 9,000,000 shares of its common stock for \$58,500,000 (or \$6.50 per share) in conjunction with its initial public offering. The Company incurred \$5,894,959 in offering costs as a result of this transaction. Upon the closing of the offering, all 5,625,000 shares of redeemable preferred stock converted into 6,923,077 shares of common stock (Note 16).

On January 7, 2002, the underwriters of the initial public offering exercised an over-allotment option. As a result, the Company issued and sold 1,350,000 shares of its common stock for \$8,775,000 (or \$6.50 per share). The Company incurred \$638,919 in costs as a result of this transaction.

#### STOCK ISSUANCE AND STOCK SPLIT

In November 1998, the Company issued and sold 1,500,000 shares of common stock at a price of \$1.00 per share resulting in gross proceeds of \$1,500,000.

On March 31, 2000, the 3oard of Directors of the Company authorized a twenty-five-for-one stock split in the form of a stock dividend. Shareholders of record received twenty-four additional shares of common stock for every share they owned. All common shares and per share data in the accompanying financial statements have been restated to reflect the stock split. As such, subsequent to the stock split, the stock issuance was adjusted to 37,500,000 shares of common stock.

#### PREFERRED STOCK

The Company's Second Amended and Restated Certificate of Incorporation authorizes the Board of Directors to issue up to 5,000,000 shares of Blank Check Preferred Stock with a par value of \$0.01 per share in one or more series without shareholder approval. The Board of Directors also has discretion to determine the dividend rights and terms, conversion rights, voting rights, redemption rights and terms, liquidation preferences and any other rights, preferences, privileges and restrictions applicable to each series of the preferred stock. There were no preferred shares issued or outstanding at December 31, 2001 and 2000.



# 18 Earnings (Loss) Per Share

Basic earnings (loss) per share is computed by dividing net (loss) income available to common shareholders by the weighted average number of common shares outstanding for the period. Diluted earnings (loss) per share is computed by dividing net (loss) income by the weighted average number of common shares and, if applicable, common stock equivalents which would orise from the exercise of stock options and conversion of preferred shares. The following table reconciles the numerators and denominators used to calculate basic and diluted earnings (loss) per share:

	Year Ended December 31, 2001	Year Ended December 31, 2000	Three Months Ended December 31, 1999	Year Ended September 30, 1999
Continue of the state of the continue of the state of the				
Net (loss) Income	\$ (1,376,443)	\$729,533	\$ [129,154]	\$ 23,992
Preferred stack accretion	833,129	_	-	-
Beneficial conversion feature	5,192,308	_	_	_
Net (loss) income available to common shareholders- basic and diluted	\$ (7,401,880)	\$ <b>729</b> ,533	\$ (129,154)	\$ 23,992
State Cita Cita Cita Cita Cita Cita Cita Cita	\$ (7,401,880)	\$7.Z <del>7</del> ,333	\$ (129,134)	<i>₩</i> 23,992
Wrighted extruge theres සෝක්කෝට්රු?				
Weighted average shares outstanding-basic	39,612,644	38,752,500	38,752,500	32,502,501
Effect of dilutive securities:				
Stock options	-	61,560		_
Convertible preferred stock		_		
Weighted dwardge shores outstanding-diluted	39,612,644	38,814,060	38,752,500	32,502,501

For the year ended December 91, 2001, potential common shares from the convertible preferred stack and stack options were anti-divitive and excluded from the calculation of divisal earnings (loss) per share. The number of common shares excluded for stack option and convertible preferred stack were 400,025 and 5,176,291, respectively.

For the year ended December 31, 2001, not loss evalidate to common shareholders - diluted is equal to not loss available to common shareholders - basic because of the anti-citutive effect of the preferred stock accretion and beneficial conversion feature due to not losses for the year.

# 19 Strategic Alliances

In June 2001, the Company entered into a strategic alliance with Affinium Pharmaceuticals, formerly Integrative Profesories, Inc. Affinium Pharmaceuticals is a leader in high throughout structural profesories. During the three-year term of the strategic alliance, the Company will provide Affinium Pharmaceuticals with the X-ray profesh crystallography tools required by Affinium Pharmaceuticals for its profesories facilities and collaborate in the development of higher/throughout profesories fools. The Company invested \$500,000 in cash and \$500,000 in common stock \$3,000 shares) in the Series IIA financing of Affinium Pharmaceuticals. The fair value of the shares issued was altermined by negotiations between the parties. The investment is recorded on a cost basis.

In October 2001, the Company entered into a strategic ciliance with Geneformatics, inc., ("GF!"), a structural

profesomics company. During the three-year term of its strategic alliance, the Company will provide GPL with the X-ray crystallography systems and support resolved to incorporate X-ray crystallography into its lousiness. As part of this alliance the Company agreed to invest \$500,000 in cash and \$500,000 in contrast stock [71,428 shares] in the Series C financing of this structural profesomics company. The investment is recorded on a cost basis.

# 20 Commitments and Contingencies

The Company and its subsidiaries are subject to lawsuits, dains and proceedings of a nature considered normal to its businesses. During 2001, the Company recorded a reserve for approximately §200,000 for an issue related to a dispute with a supplier. The Company believes, based on discussions with legal coursel, that the outcome of these proceedings will not have a material impact on the Company's financial position or results of operations.

# 21 Segment Information

The Company operates in one industry segment as a producer of service systems and complete solutions in X-ray instrumentation. The Company operates primarily from three plants, Madison, Wisconsin, Karlsruhe, Germany, and Delft, The Netherlands. The Company supplies product to a broad range of end user markets, including academics, government, and scientific research.

Net sales are attributed to geographic segments based on the location of the customer.

The following represents the Company's geographic segments:

	Year Ended December 31, 200 î	Year Ended December 31, 2000	Three Months Ended December 31, 1999	Year Ended September 30, 1999
Net sales:				
North America	\$ 25,203,223	\$ 20,579,941	\$ 3,675,555	\$ 19,835,152
Germany	13,204,000	12,069,566	3,091,981	12,797,470
Other Europe	27,362,402	20,000,299	3,458,408	19,331,736
Other Foreign	16,817,944	15,454,801	2,566,211	9,929,571
Total	\$ 82,587,569	\$ 68,104,607	\$ 12,792,155	\$ 61,893,929
long-lived assets (year-end):				
North America	\$ 5,272,517	\$ 5,181,563	\$ 4,496,671	\$ 2,957,599
Germany	2,131,335	1,235,603	1,011,603	900,364
Other Europe	4,011,887	2 <i>74</i> ,313	192,156	167,885
Other Foreign	84,735	24,282		
Total	<b>\$</b> 11,500,474	\$ 6,715,761	\$ 5,700,430	\$ 4,025,848

Other Europe primarily includes the United Kingdom, France, Italy, Spain, Belgium, The Netherlands, Scandinavia, Poland, Russia, Hungary, Slovenia, Switzerland and Austria. Other Foreign includes all other countries not included within North America, Germany or Other Europe.

# 22 Transition Period Comparative Data

The following table presents certain financial information for the three months ended December 31, 1999 and 1998, respectively:

Three Months Ended December 31,	1999	1998
		(Unaudited)
Net Sales	\$12,792,155	\$14,526,422
Gross Profit	\$ 4,919,186	\$ 4,508,913
Income (loss) before income taxes	\$ 62,233	\$ (1,105,391)
Income tex expense (benefit)	191,387	(437,073)
Net ioss	(129,154)	(668,318)
Earnings (loss) per common share (basic and diluted)	\$ 0.00	\$ (0.05)
Weighted average common shares outstanding	38,752,500	13,752,501

# 23 Quarterly Financial Data (Unaudited)

The summation of quarterly earnings (loss) per share does not equate to the calculation for the full fiscal year, as quarterly calculations are performed on a discrete basis.

	Quarier Ended					
	March 31	june 30	September 30	December 31	Total	
2001						
Net sales	\$18,845,484	\$20,208,053	\$21,192,04 <i>7</i>	\$22,341,985	\$ 82,587,569	
Gross profit	<i>7</i> ,132,3 <i>7</i> 0	<i>7,75</i> 8,784	<i>7,7</i> 08,397	8,925,238	31,524,789	
Net income (loss)	264,439	(1,836,990)	40,073	156,035	(1,376,443)	
Net loss available to common shareholders	(105,423)	(1,634,009)	(266,328)	(5,396,120)	(7,401,880)	
Basic earnings (loss) per share	0.00	(0.04)	(0.01)	(0.13)	(0.19)	
Diluted earnings (loss) per share	0.00	(0.04)	(0.01)	(0.13)	(0.19)	
2000						
Net sales	\$18,112,305	\$16,595,245	\$16,409,084	\$15,987,973	\$ 68,104,607	
Gross profit	6,458,331	5,297,320	5,621,865	7,475,418	24,852,934	
Net income (loss)	296,3 <i>57</i>	(10,013)	20,096	423,093	729,533	
Net income (loss) available to		,				
common shareholders	296,357	(10,013)	20,096	423,093	729,533	
Basic earnings per share	0.01	0.00	0.00	0.01	0.02	
Diluted earnings per share	0.01	0.00	0.00	10.0	0.02	

# 24 Subsequent Events

# INCOATEC GMBH

in February 2002, the Company contributed approximately \$22,000 and received fifty-one percent (51%) ownership in a new company, incoated GmbH, a German company that was soun-off from GKSS, a material research center located in Geesthact, Germany, incoated will provide research, development and production of X-ray optics based on innovative coating technologies. The investment will be consolidated in the financial statements of the Company.

## PLANT ACQUISITION

in October 2001, the Company entered into an agreement to purchase its Karlsruhe, Germany facility, land and adjacent lot for approximately \$6.6 million. The Company financed this acquisition with proceeds from the initial public offering and a \$4.4 million mortgage. The closing of this purchase occurred on February 28, 2002.

# CORPORATE INFORMATION

#### Board of Directors and Executive Officers

#### Martin Haase, Ph.D.

President and CEO, Bruker AXS Inc.

## Frank H. Laukien, Ph.D.

Chairman of the Board and Director, Bruker AXS Inc. Serves as President and Director, Bruker BioSpin Corporation, Billerica, MA, an affiliate of Bruker AXS Inc.

#### John B. Bourke

Chief Financial Officer and Treasurer, Bruker AXS Inc.

#### Kline Wilkins

Senior Vice President, Operations, Bruker AXS Inc.

#### Richard M. Stein

Secretary, Bruker AXS Inc.

Attorney, Hutchins, Wheeler & Dittmar, Boston MA

## Lieuwe Boskma

Vice President of Crystallography Solutions, Bruker AXS Inc. Managing Director, Bruker Nonius B.V.

### Roger Durst, Ph.D.

Chief Technology Officer, Bruker AXS Inc.

# Rolf R. Hofmann

Director of Sales and Customer Support, Bruker AXS GmbH

## Frank Burgäzy, Ph.D.

Director of Research and Development and Marketing, Bruker AXS GmbH

## Bernard J. Kolodziej

Director of Finance and Operations, Bruker AXS GmbH

#### Jeremy Lea, Ph.D.

Managing Director, Bruker AXS Ltd.

## Brandon D. Andries

Director, Bruker AXS Inc.

Partner, Virchow, Krause & Company, LLP

## Taylor J. Crouch

Director, Bruker AXS Inc.

President and CEO, Variagenics, Inc.

## Daniel S. Dross

Director, Bruker AXS Inc.

Partner, Thomas Weisel Partners Group LLC

## Jay T. Flatley

Director, Bruker AXS Inc.

President and CEO, Illumina, Inc.

## Tony W. Keller, Ph.D.

Director, Bruker AXS Inc.

Managing Director, Bruker Analytik, an affiliate of Bruker AXS Inc.

### Richard Kniss

Director, Bruker AXS Inc.

Former Senior Vice President and General Manager, Agilent Technologies, Chemical Analysis Group

## Steven M. Pomerantz

Vice President Sales and Marketing, Brunker AXS Inc.

Market for Registrants' Common Equity and Related Shareholder Matters

Our common stock has been quoted on the Nasdaq National Market under the symbol "BAXS" since December 14, 2001. Prior to that time, there was no public market for the common stock. The following table sets forth for the period indicated, the high and low sale prices for the common stock as reported on the Nasdaq National Market.

·	High	low
Fourth Quarter 2001		
(from December 14, 2001)	\$ 6.80	\$ 6.25
First Quarter 2002		
(through March 20, 2002)	\$ 7.16	\$ 3.75

As of March 20, 2002, there were approximately 28 holders of record and approximately 2,100 beneficial owners of our common stock. The closing share price of our common stock on March 20, 2002, as reported by the Nasdaq National Market, was \$4.00.

We have never declared or paid cash dividends on our capital stock. We currently anticipate that we will retain all available funds for use in our business and do not anticipate paying any cash dividends in the foreseeable future.

### Annual Meeting

The Annual Meeting of Stockholders will be held at 2:00 p.m. on May 7, 2002 at the offices of Hutchins, Wheeler & Dittmar, 101 Federal Street, Boston, MA.

## Independent Accountants

PricewaterhouseCoopers LLP 100 East Wisconsin Avenue Milwaukee, WI 53202

### Legal Counsel

Hutchins, Wheeler & Dittmar 101 Federal Street Boston, MA 02110

# Transfer Agent and Registrar

American Stock Transfer & Trust Company 59 Maiden Lane New York, NY 10038

#### Investor Relations / Form 10-K

A copy of the Company's Form 10-K for the year ended December 31, 2001 is available without charge upon written request to:

Chief Financial Officer Bruker AXS Inc. 5465 East Cheryl Parkway Madison, WI 53711







## BRUKER AXS INC.

5465 EAST CHERYL PARKWAY MADISON, WI 53711 USA

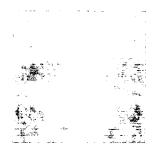
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